STR-DE625/V616

SERVICE MANUAL

Ver. 1.1 2005.03

US Model
Canadian Model
STR-DE625
Chinese Model
STR-V616

Photo : STR-DE625

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8 ohm loads, both channels driven, from 20 - 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

POWER OUTPUT

Stereo mode (8 ohms 20 Hz - 20 kHz, THD 0.09%) 100 W + 100 W

Surround mode
(8 ohms at 1 kHz, THD 0.8%)
Front: 100 W/ch
Center[a]: 100 W
Rear[a]: 100 W/ch

a) Depending on the sound field settings and the source, there may be no sound output.

5.1/DVD mode (8 ohms at 1 kHz, THD 0.8%)
Front: 100 W/ch
Center: 100 W
Rear: 100 W/ch

Dynamic power output
155 W + 155 W, 8 ohms
220 W + 220 W, 4 ohms

Frequency response
PHONO: RIAA equalization curve ±0.5 dB
CD, TAPE/MD, VIDEO 1, 2,:
10 Hz - 50 kHz +0.5/–2 dB (with sound field, tone, and bass booster bypassed)

Inputs
PHONO:
Sensitivity: 1.5 mV
Impedance: 50 kilohms
S/N[b]: 75 dB (A, 2.5 mV[c])
CD:
Sensitivity: 150 mV
Impedance: 50 kilohms
S/N[b]: 82 dB (A, 150 mV[c])
TAPE/MD, VIDEO 1, 2, VIDEO 3, TV/DBS(TV/LD):
Sensitivity: 150 mV
Impedance: 50 kilohms
S/N[b]: 82 dB (A, 150 mV[c])
5.1/DVD INPUT
Sensitivity: 150 mV
Impedance: 50 kilohms
S/N[b]: 82 dB (A, 150 mV[c])

b) 78' IHF
c) Weighted network, input level

— Continued on next page —

FM STEREO/FM-AM RECEIVER

9-922-883-12
2005C16-1
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Sony Corporation
Audio Group
Published by Sony Engineering Corporation

SONY®

Outputs

AUDIO OUT:
Voltage: 150 mV
Impedance: 10 kilohms
WOOFER:
Voltage: 2 V
Impedance: 1 kilohm
PHONES:
Accepts low- and high-impedance headphones

BASS BOOST +10 dB at 70 Hz

TONE ±8 dB at 100 Hz and 10 kHz

FM tuner section

Tuning range 87.5 - 108.0 MHz

Antenna terminals
75 ohms, unbalanced

Sensitivity
Mono: 18.3 dBf, 4.5 µV
Stereo: 38.3 dBf, 45 µV

Usable sensitivity
11.2 dBf, 2 µV (IHF)

S/N
Mono: 76 dB
Stereo: 70 dB

Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response
30 Hz - 15 kHz +0.5/−2 dB

Selectivity 60 dB at 400 kHz

AM tuner section

Tuning range
With 10-kHz tuning scale:
530 - 1710 kHz (USA and Canada only[d])
530 - 1610 kHz (all other countries)
With 9-kHz tuning scale:
531 - 1710 kHz (USA and Canada only)
531 - 1602 kHz (all other countries[d])

Antenna Loop antenna

Usable sensitivity
50 dB/m (at 1,000 kHz or 999 kHz)

S/N 54 dB (at 50 mV/m)

Harmonic distortion
0.5 % (50 mV/m, 400 kHz)

Selectivity
At 10 kHz: 40 dB
At 9 kHz: 35 dB

d) You can change the AM tuning scale to 9 kHz (USA and Canada only) or to 10 kHz (all countries except USA, Canada). After tuning in any AM station, turn off the receiver. Press down the TUNING + or PRESET TUNING + button and press the I/⏻ button. All preset stations will be reset to their factory settings when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs 1 Vp-p 75 ohms

Outputs 1 Vp-p 75 ohms

General

System
Tuner section:
PLL quartz-locked digital synthesizer system
Preamplifier section:
Low-noise NF type equalizer
Power amplifier section:
Pure-complementary SEPP

Power requirements
USA and Canada:
120 V AC, 60 Hz
All other countries:
120/240/220 V AC selectable, 50/60 Hz

Power consumption
Canada: 400 VA
All other countries:
250 W

AC outlets
2 switched, total 100 W

Dimensions
430 × 157.5 × 370 mm (17 × 6 1/4 × 14 5/8 inches) including projecting parts and controls

Mass (approx.)
9.1 kg (20 lb 1 oz)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

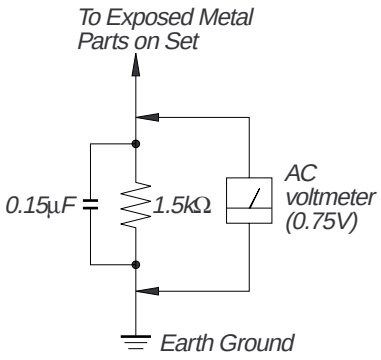

Fig. A. Using an AC voltmeter to check AC leakage.

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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

LOCATION AND FUNCTION OF CONTROLS
[FRONT PANEL]

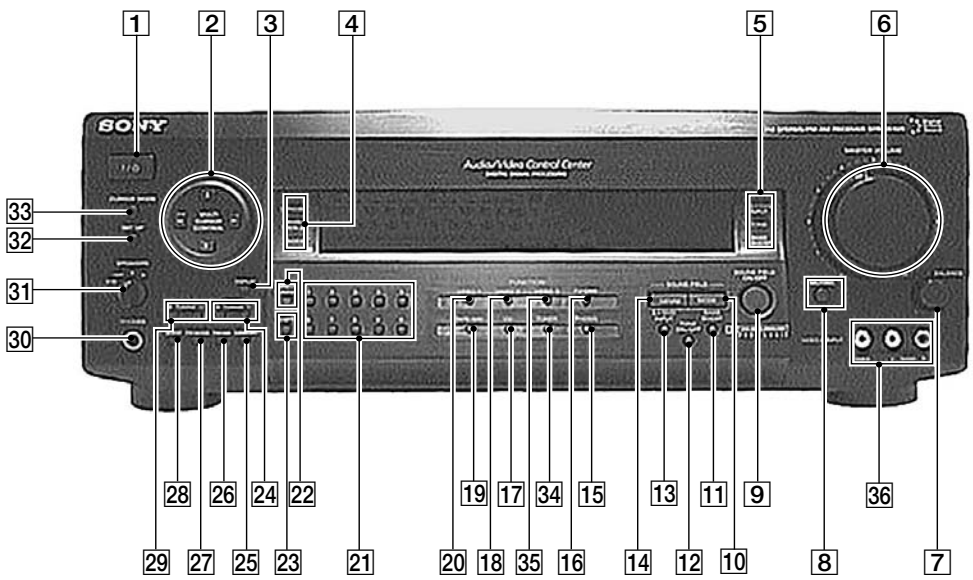


Photo : STR-DE625

1 I/⏻ (POWER) button
2 MULTI CURSOR CONTROL
3 DISPLAY REAR LEVEL +, – buttons
4 SURROUND, BASS/TREBLE, INDEX indicators
5 5.1/DVD, TONE, BASS BOOST indicators
6 MASTER VOLUME control
7 BALANCE control
8 MUTING button
9 SOUND FIELD ON/OFF button
10 SOUND FIELD MODE button
11 BASS BOOST button
12 TONE ON/OFF button
13 5.1/DVD INPUT button
14 SOUND FIELD GENRE button
15 PHONO button
16 TV/DBS button (DE625)
16 TV/LD button (V616)
17 CD button
18 VIDEO 2 button
19 TAPE/MD button
20 VIDEO 1 buttons
21 Numeric buttons
22 DIRECT TUNING button
23 SHIFT buttons
24 PRESET TUNING +, – buttons
25 MEMORY button
26 FM/AM button
27 FM MODE button
28 SLEEP button
29 TUNING +, – buttons
30 PHONES jack
31 SPEAKERS A, B switches
32 SET UP button
33 CURSOR MODE button
34 TUNER button
35 VIDEO 3 button
36 VIDEO 3 INPUT

[REAR PANEL]

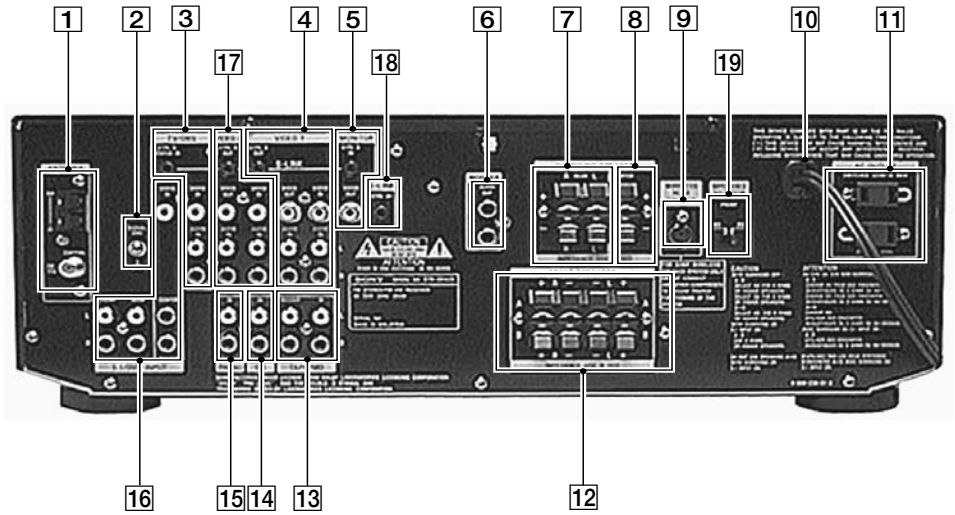


Photo : STR-DE625

1 ANTENNA (FM/AM)
2 ⏚ SIGNAL GND
3 TV/DBS
4 VIDEO 1
5 MONITOR
6 WOOFER
7 SURROUND SPEAKERS (REAR)
8 SURROUND SPEAKERS (CENTER)
9 WIRELESS REAR SPEAKER
10 AC power cord
11 AC OUTLET
12 FRONT SPEAKERS (A/B)
13 TAPE/MD
14 CD
15 PHONO
16 5.1/DVD INPUT
17 VIDEO 2
18 S-LINK
19 IMPEDANCE SELECTOR

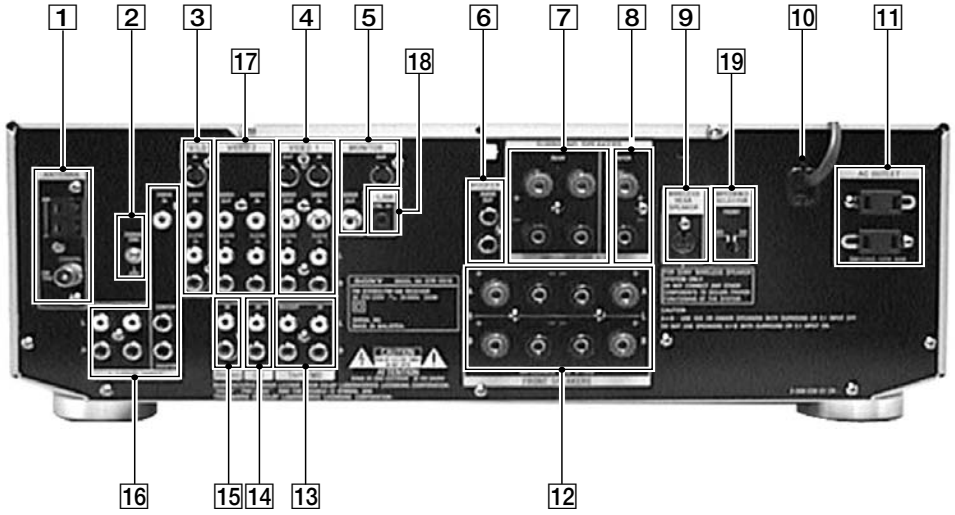


Photo : STR-V616

1 ANTENNA (FM/AM)
2 ⏚ SIGNAL GND
3 TV/LD
4 VIDEO 1
5 MONITOR
6 WOOFER
7 SURROUND SPEAKERS (REAR)
8 SURROUND SPEAKERS (CENTER)
9 WIRELESS REAR SPEAKER
10 AC power cord
11 AC OUTLET
12 FRONT SPEAKERS (A/B)
13 TAPE/MD
14 CD
15 PHONO
16 5.1/DVD INPUT
17 VIDEO 2
18 S-LINK
19 IMPEDANCE SELECTOR

SECTION 2
TEST MODE

SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the TUNER and the BASS BOOST buttons simultaneously, press the power [I/⏻] button to turn on the main power. The software version is displayed.

KEY TEST MODE

* All keys are tested.
* Procedure:
  While depressing the CD and the BASS BOOST buttons simultaneously, press the power [I/⏻] button to turn on the main power. The message REST40 appears. When the respective keys are pressed one after another, the number decrements in the order of REST39, REST38, and so on.

FLUORESCENT INDICATOR TUBE TEST MODE

* All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.
* Procedure:
  While depressing the TV/LD and the BASS BOOST buttons simultaneously, press the power [I/⏻] button to turn on the main power. All segments turn on at the same time, then each segment turns on one after another.

FACTORY SET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the VIDEO and the BASS BOOST buttons simultaneously, press the power [I/⏻] button to turn on the main power. The message FACTORY appears and the present contents are reset to the default values.

ALL CLEAR MODE

* All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the VIDEO and the TAPE/MD buttons simultaneously, press the power [I/⏻] button to turn on the main power. The message INITIAL appears and initialization is performed.

SOUND FIELD CLEAR MODE

* The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the SOUND FIELD ON/OFF button, press the power [I/⏻] button to turn on the main power. The message S. F. CLEAR appears and initialization is performed.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

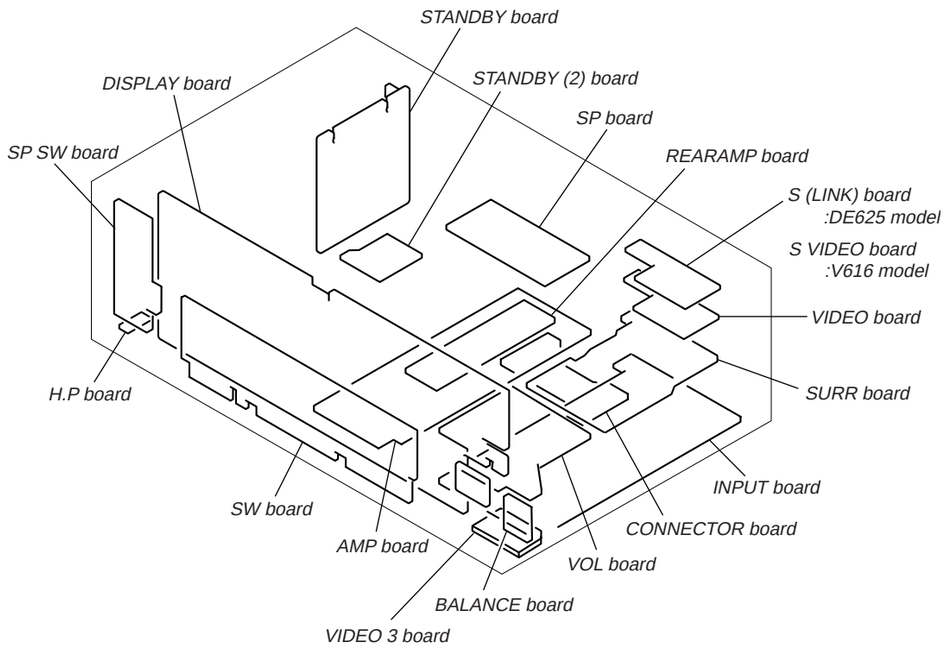
* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Set the FUNCTION to AM. Turn off the main power.
  While depressing the TUNING+ button or the PRESET+ button, press the power [I/⏻] button to turn on the main power. Either the message 9k STEP or 10k STEP appears. Select the desired step.

DEMO MODE

* Continuous demonstration starts when the demo mode is activated.
* Procedure:
  While depressing the CURSOR MODE button, press the power [I/⏻] button to turn on the main power. The message MUSIC DEMO appears and demonstration is performed automatically.

SECTION 3
DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this necessary note is printed in each block.)

For schematic diagrams.
Note:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	**Note:** Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- B+ : B+ Line.
- B− : B– Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  No mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM

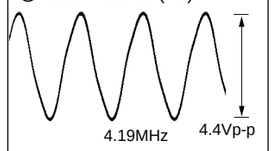
For printed wiring boards.
Note:

- ○——— : parts extracted from the component side.
- ○ : Through hole.
- △ : internal component.
- : Pattern from the side which enables seeing.
- ■ : parts mounted on the conductor side.

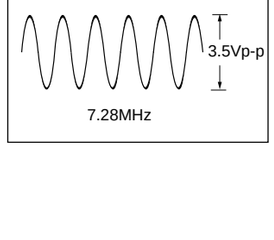
• Waveform

DISPLAY BOARD

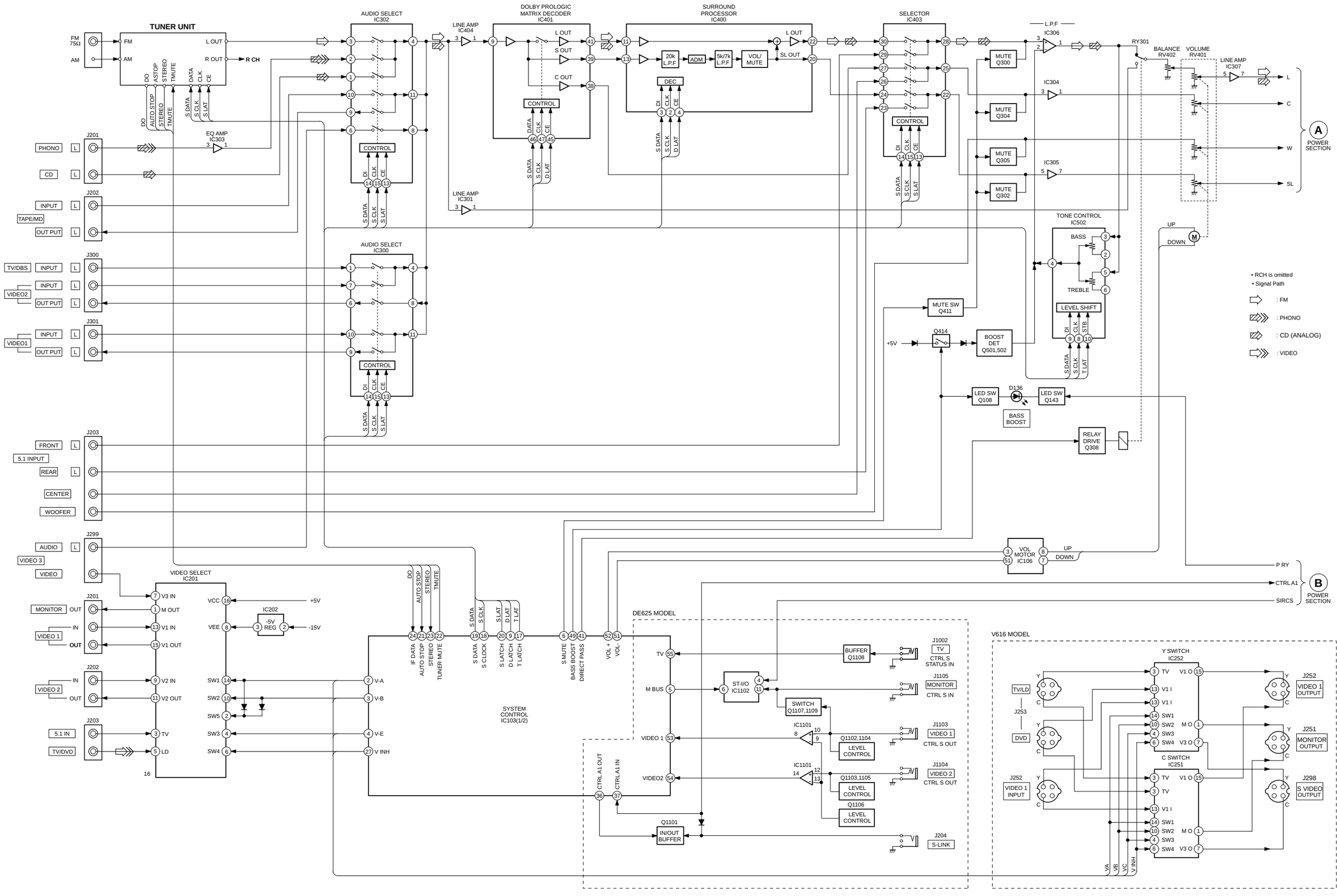
① IC103 12PIN (X1)



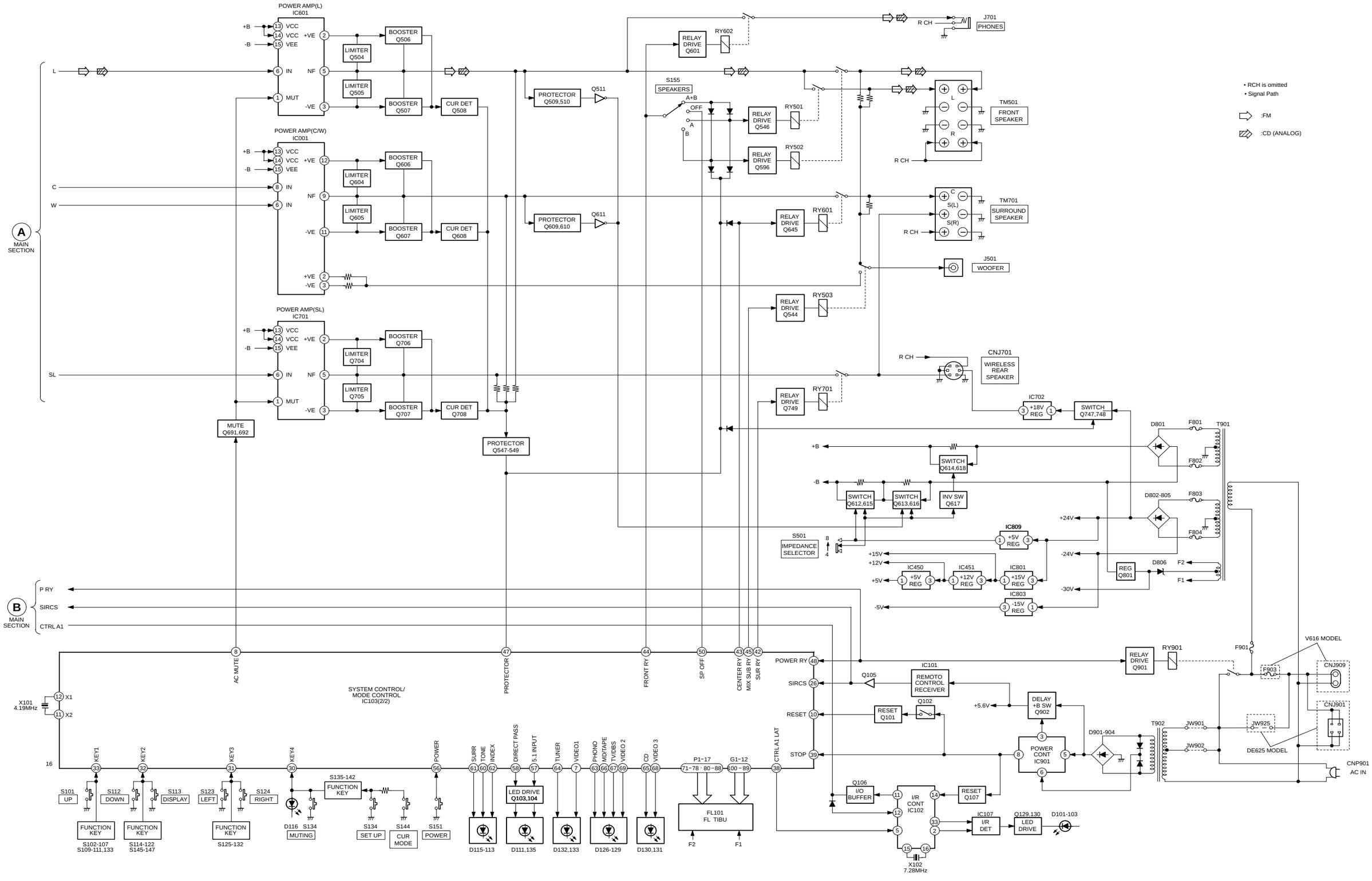
② IC102⑯ (XOUT)



3-2. BLOCK DIAGRAM –MAIN SECTION–



3-3. BLOCK DIAGRAM –POWER SECTION–

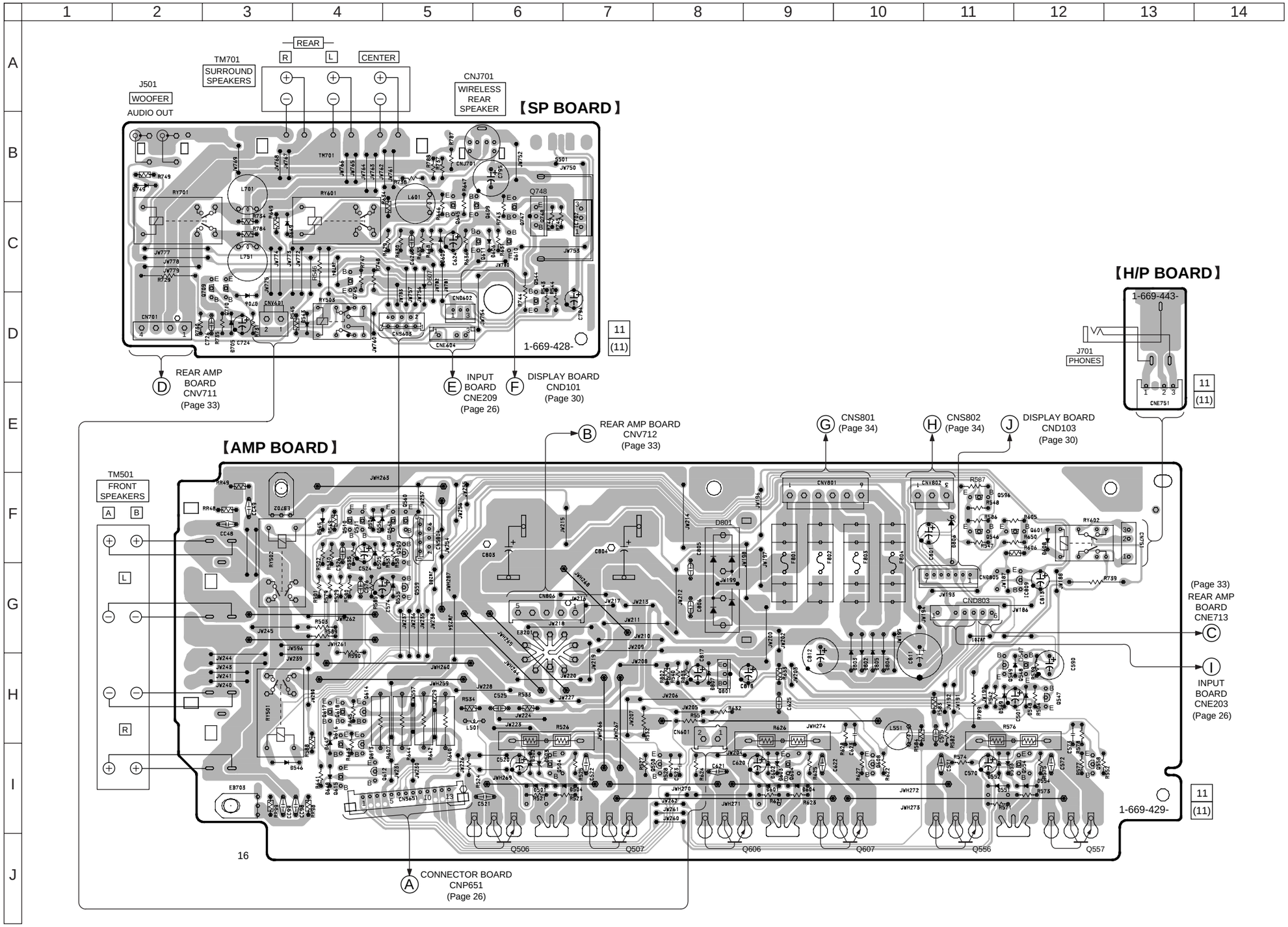


3-4. PRINTED WIRING BOARD — AMP SECTION —

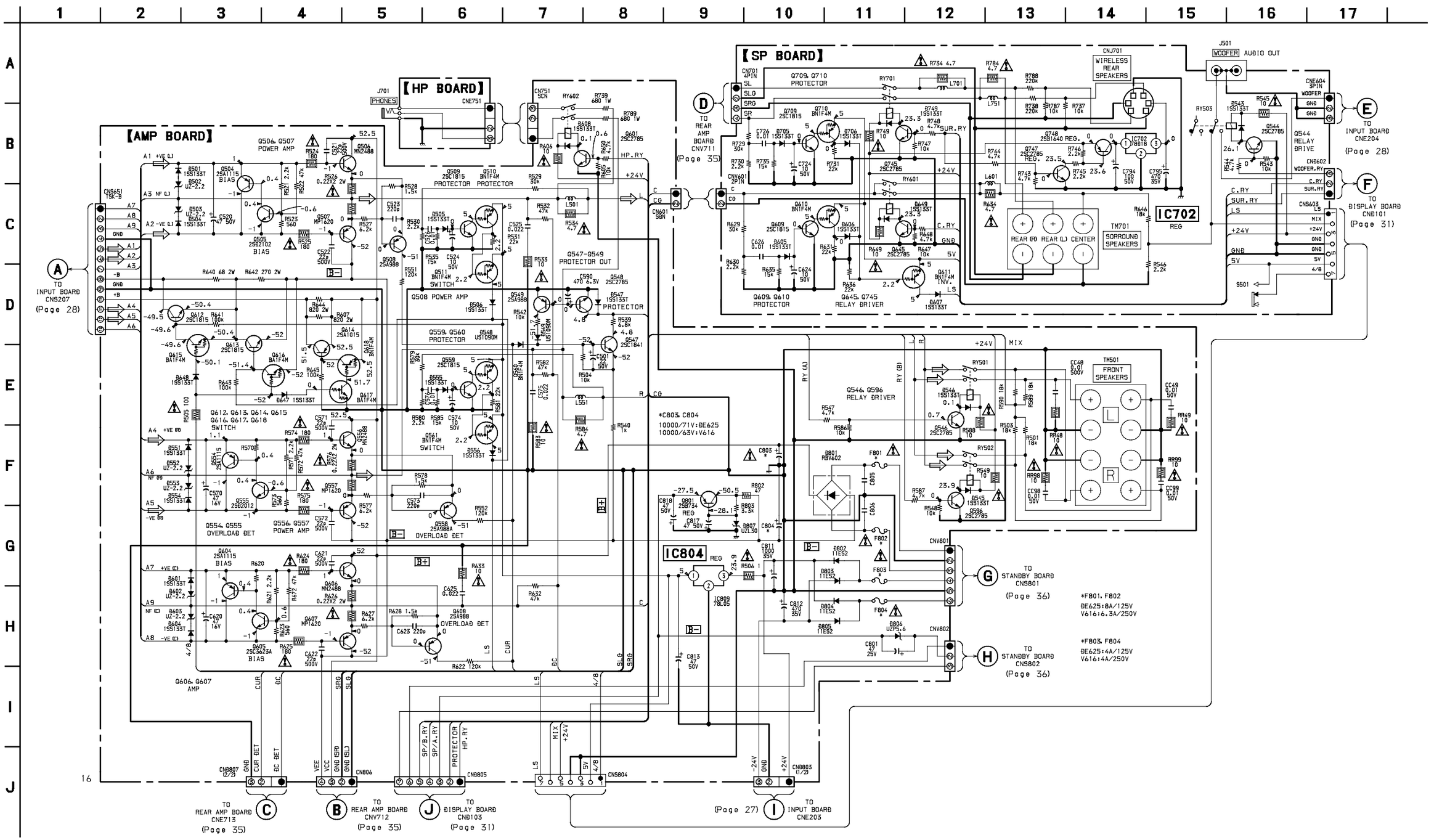
• See page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D501	I-6	Q504	I-6
D502	I-6	Q506	J-6
D503	I-6	Q507	J-6
D504	I-7	Q508	I-8
D505	F-4	Q509	F-5
D506	F-4	Q510	F-4
D543	D-4	Q511	F-4
D545	F-4	Q544	C-6
D546	I-3	Q546	F-11
D547	H-11	Q547	H-12
D548	H-11	Q548	H-12
D549	H-11	Q549	H-11
D551	I-11	Q554	I-11
D552	I-11	Q556	J-11
D553	I-11	Q557	J-12
D554	I-12	Q558	I-12
D555	G-4	Q559	G-5
D556	F-4	Q560	F-5
D601	I-9	Q561	F-5
D602	I-9	Q596	F-11
D603	I-9	Q601	F-11
D604	I-9	Q604	I-9
D605	C-5	Q606	J-8
D606	C-6	Q607	J-10
D607	C-5	Q608	I-10
D608	F-12	Q609	C-6
D647	H-4	Q610	C-6
D648	I-4	Q611	C-6
D649	C-3	Q612	I-4
D705	D-3	Q613	H-4
D706	D-3	Q614	H-34
D749	B-2	Q615	I-4
D801	F-8	Q616	H-4
D802	G-10	Q617	H-4
D803	G-10	Q618	H-4
D804	G-10	Q645	C-5
D805	G-10	Q709	C-3
D806	F-11	Q710	C-3
D807	H-8	Q745	C-4
		Q747	C-6
IC702	C-7	Q748	C-6
IC809	G-11	Q801	H-8



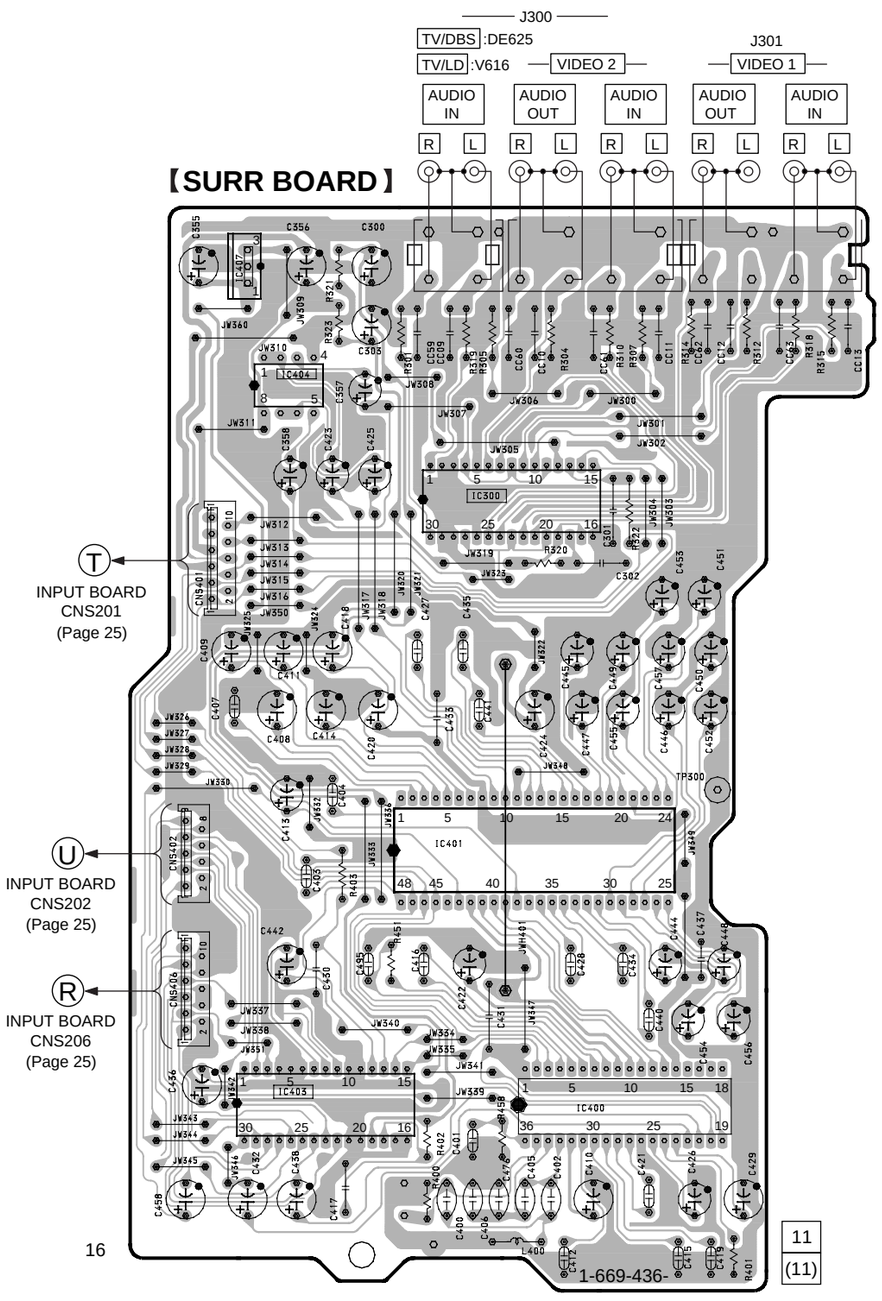
3-5. SCHEMATIC DIAGRAM — AMP SECTION —



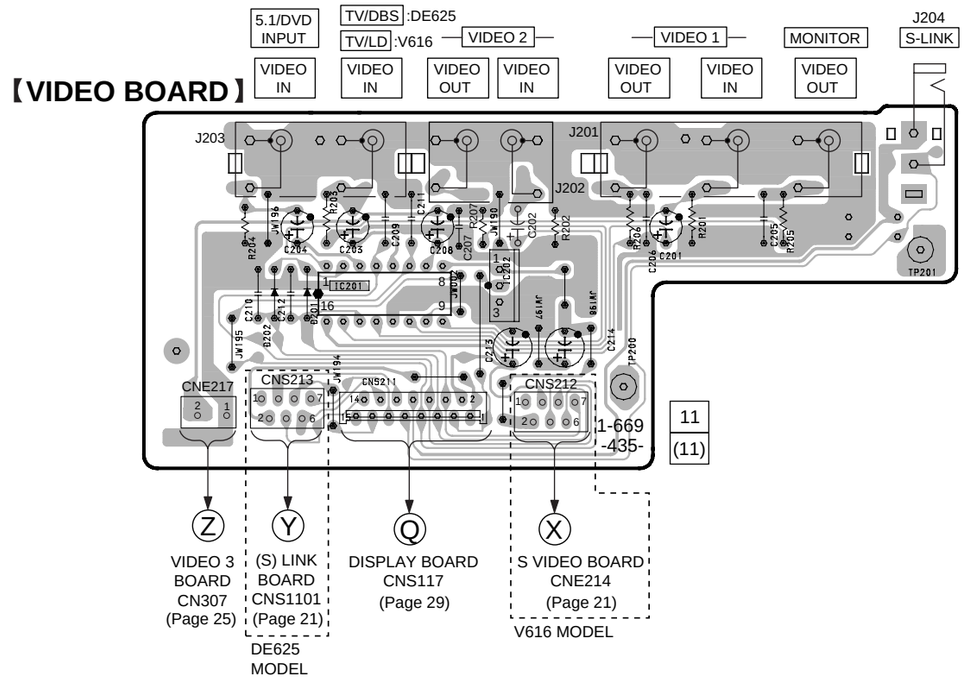
3-6. PRINTED WIRING BOARD — VIDEO SECTION —

• See page 7 for Circuit Boards Location.

【SURR BOARD】



【VIDEO BOARD】

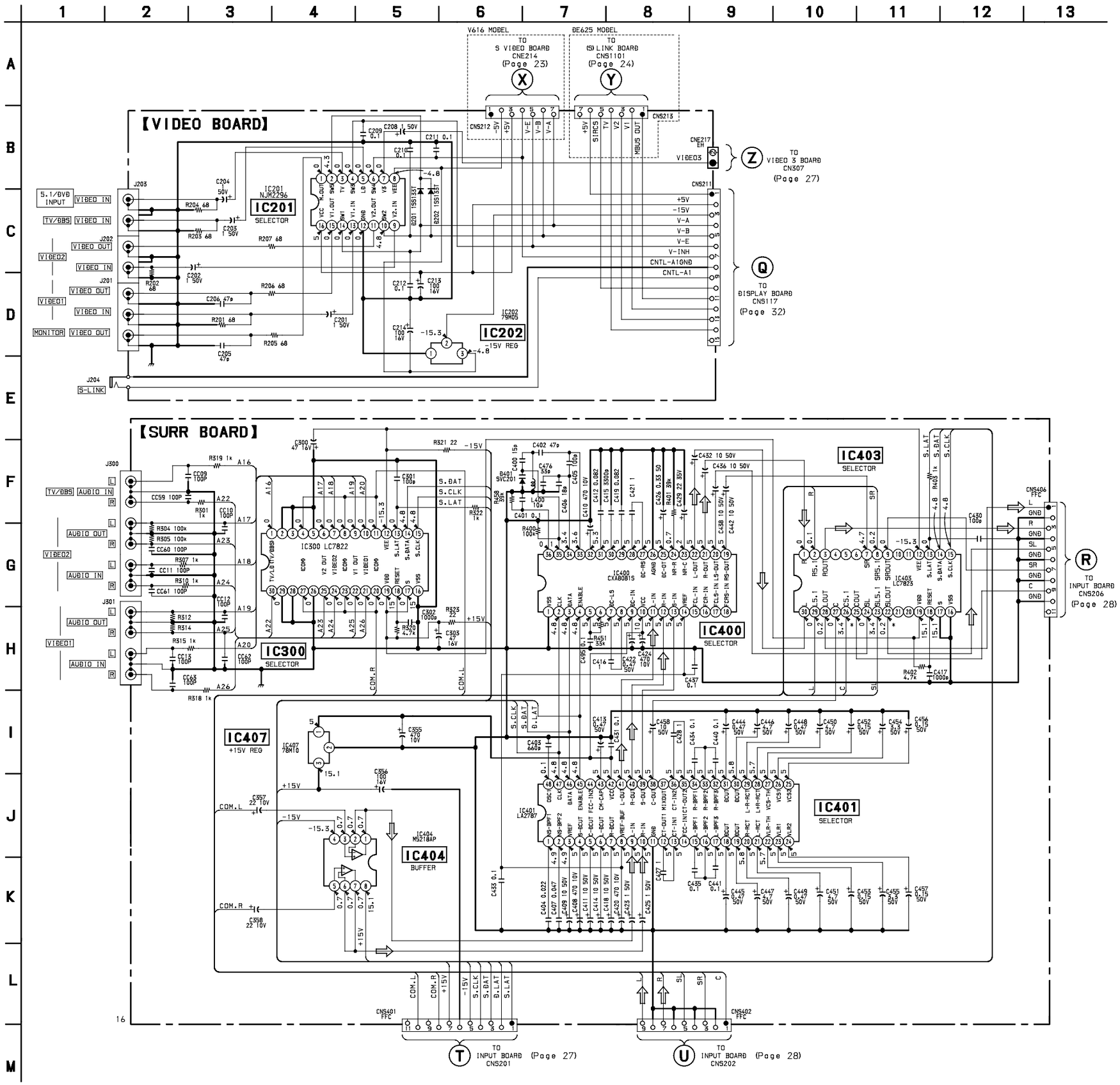


• **Semiconductor Location**

Ref. No.	Location
D201	C-9
D212	C-9
IC201	C-10
IC202	C-10
IC300	D-4
IC400	H-5
IC401	F-4
IC403	H-3
IC404	C-3
IC407	C-3

3-7. SCHEMATIC DIAGRAM — VIDEO SECTION —

• See pages 39 for IC Block Diagrams.



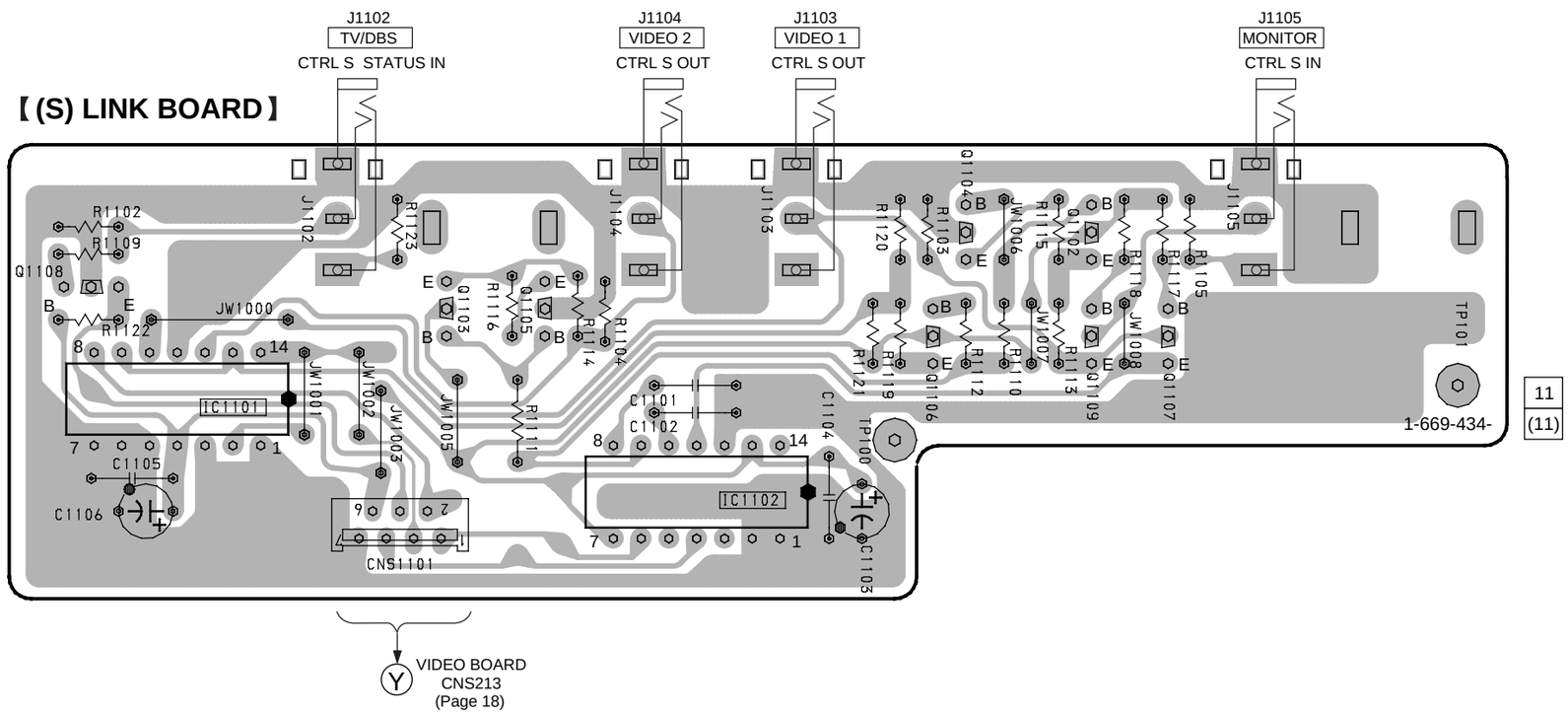
3-8. PRINTED WIRING BOARD — S VIDEO SECTION —

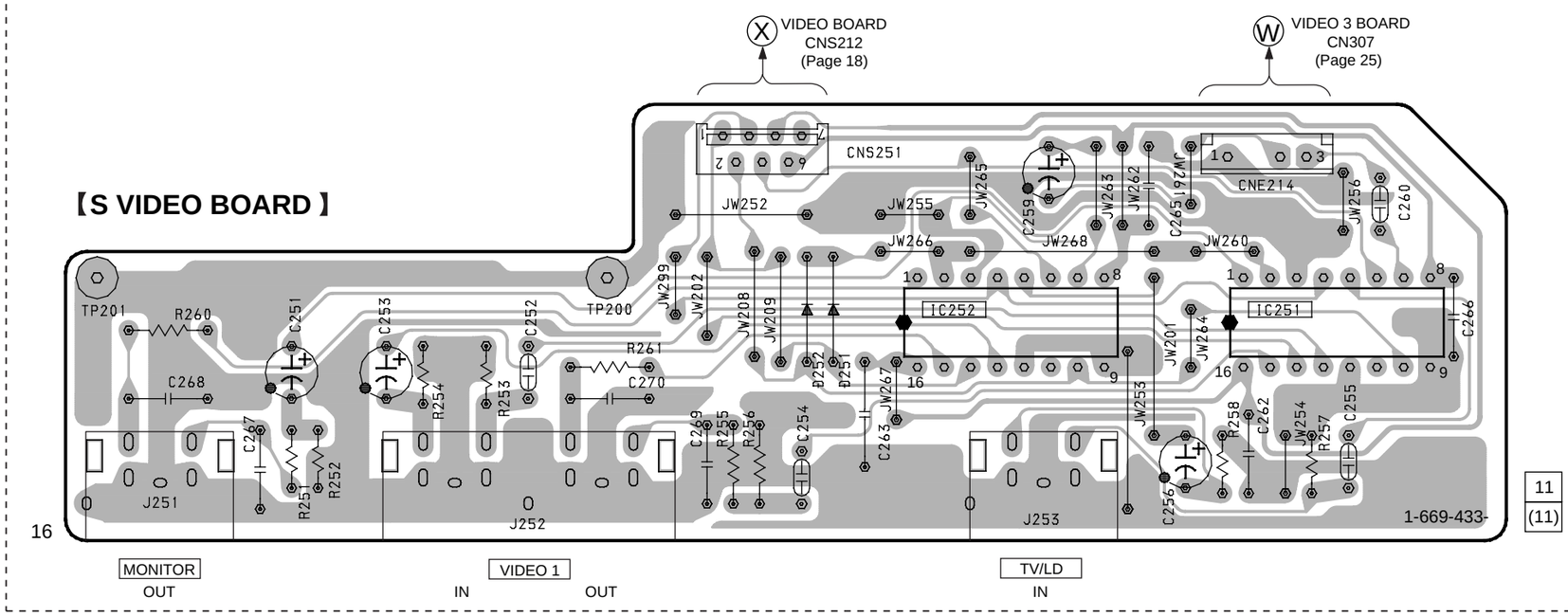
• See page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D251	H-7
D252	H-7
IC251	H-10
IC252	H-8
IC1101	D-3
IC1102	D-7
Q1102	C-9
Q1103	C-5
Q1104	C-8
Q1105	C-5
Q1106	D-8
Q1107	D-9
Q1108	C-2
Q1109	D-9

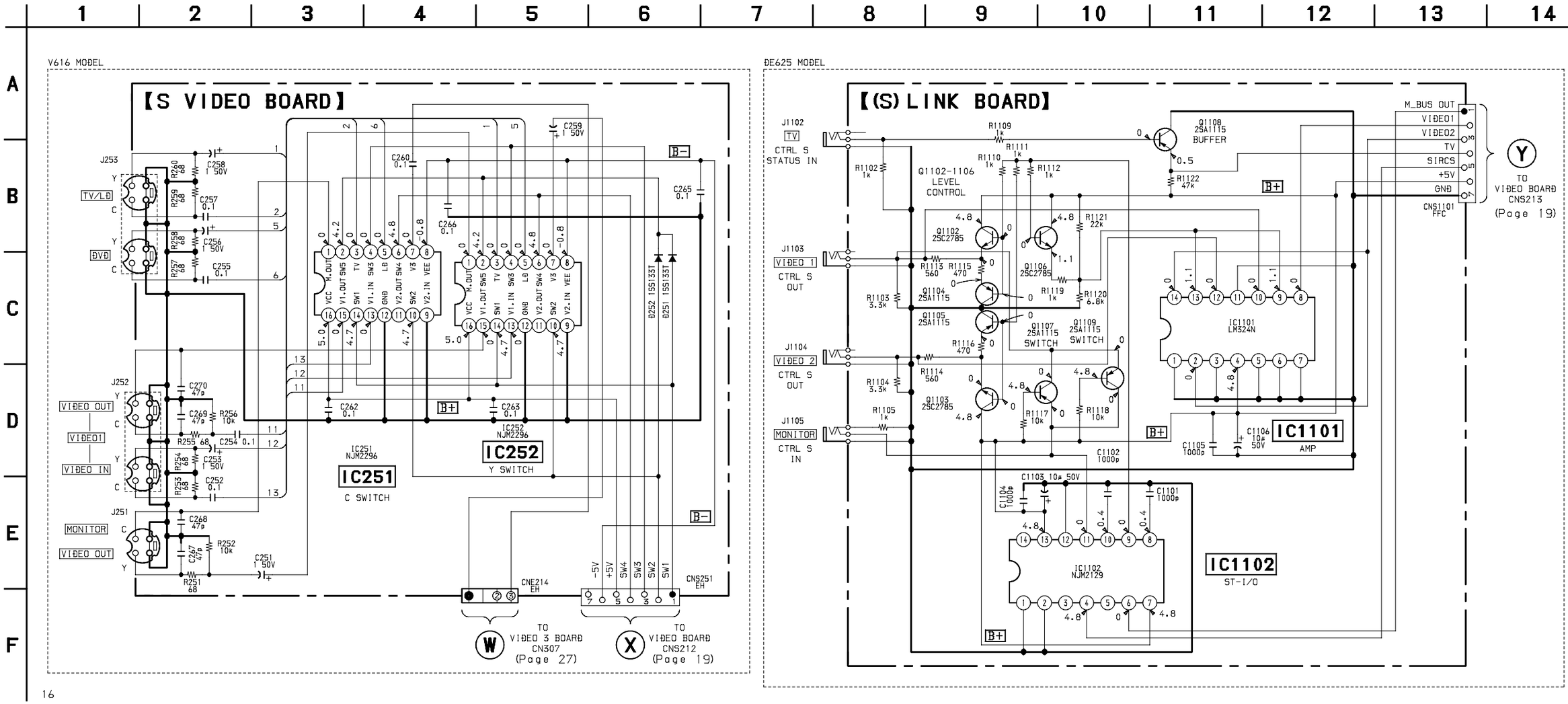
DE625 MODEL





V616 MODEL

3-9. SCHEMATIC DIAGRAM — S VIDEO SECTION —

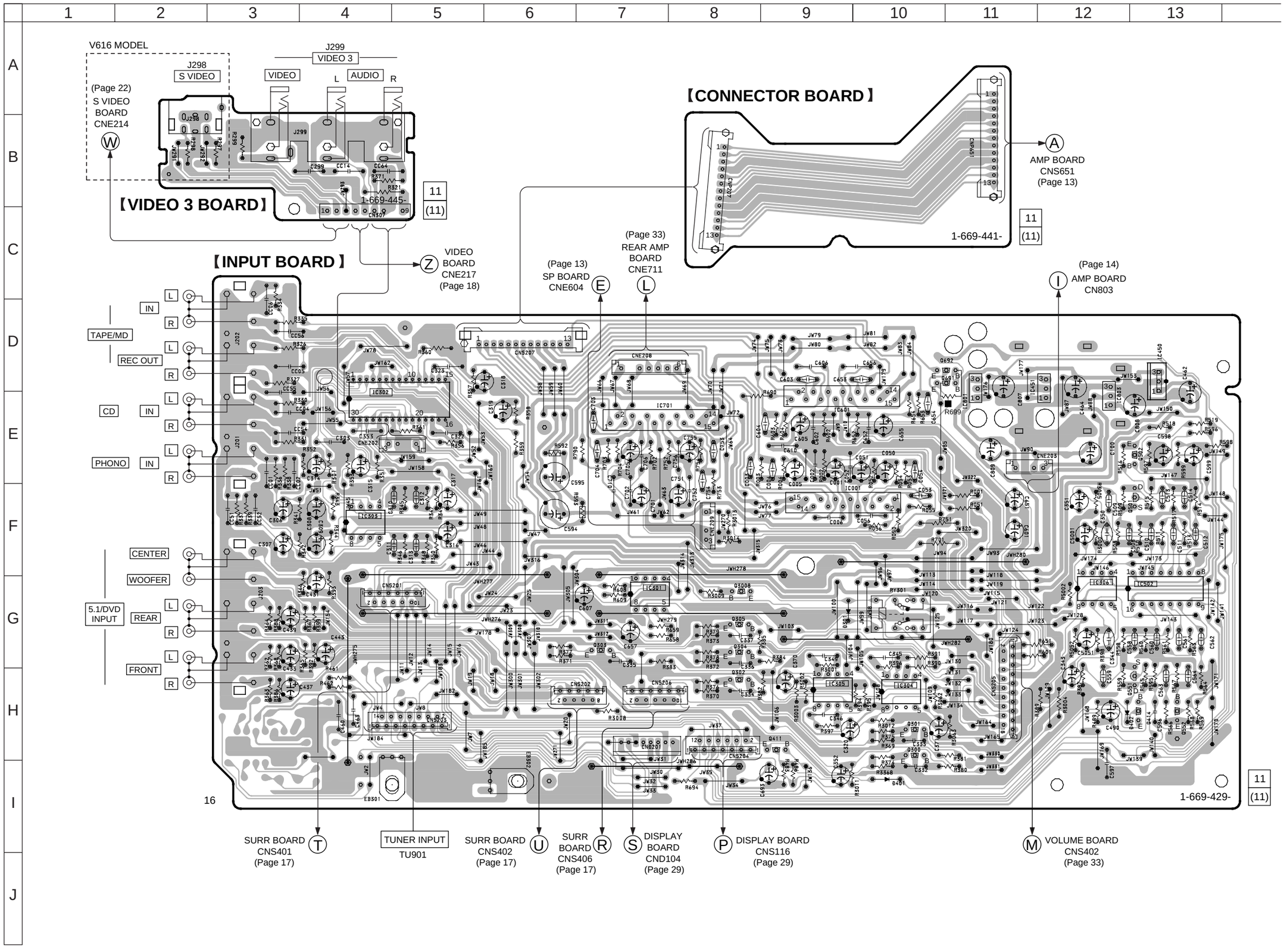


3-10. PRINTED WIRING BOARD — INPUT SECTION —

• See page 7 for Circuit Boards Location.

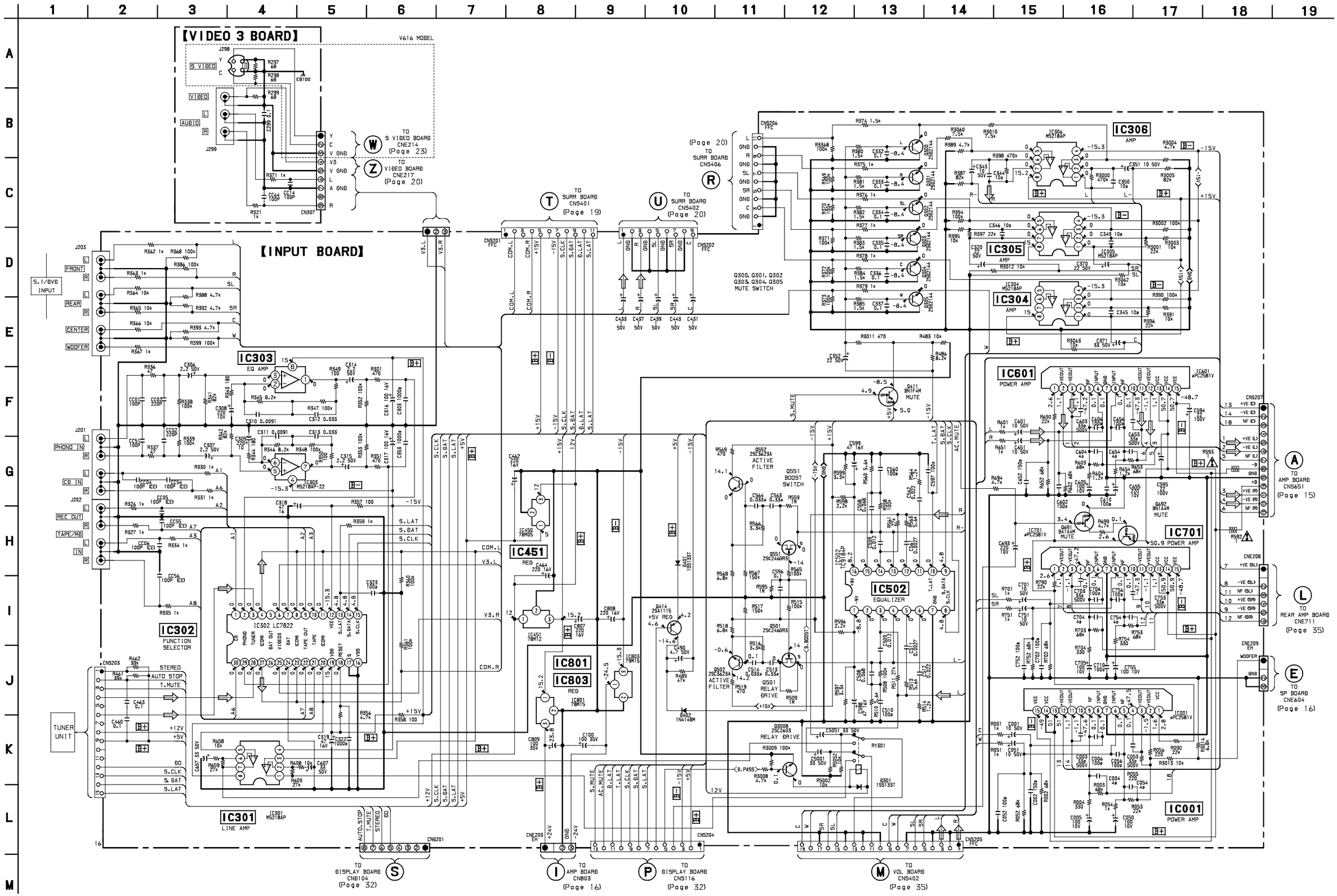
• **Semiconductor Location**

Ref. No.	Location
D301	G-9
D401	I-10
D402	H-12
IC001	F-9
IC301	G-7
IC302	E-4
IC303	F-4
IC304	H-10
IC305	H-9
IC306	G-12
IC450	D-13
IC451	D-11
IC502	G-13
IC601	E-9
IC701	E-7
IC801	D-11
IC803	D-12
Q300	H-10
Q301	H-10
Q302	H-8
Q303	G-7
Q304	G-8
Q305	G-8
Q411	H-9
Q414	H-12
Q501	F-12
Q502	E-12
Q551	H-12
Q552	H-13
Q691	D-10
Q692	D-10
Q3008	G-8



3-11. SCHEMATIC DIAGRAM — INPUT SECTION —

• See page 39 for IC Block Diagrams.

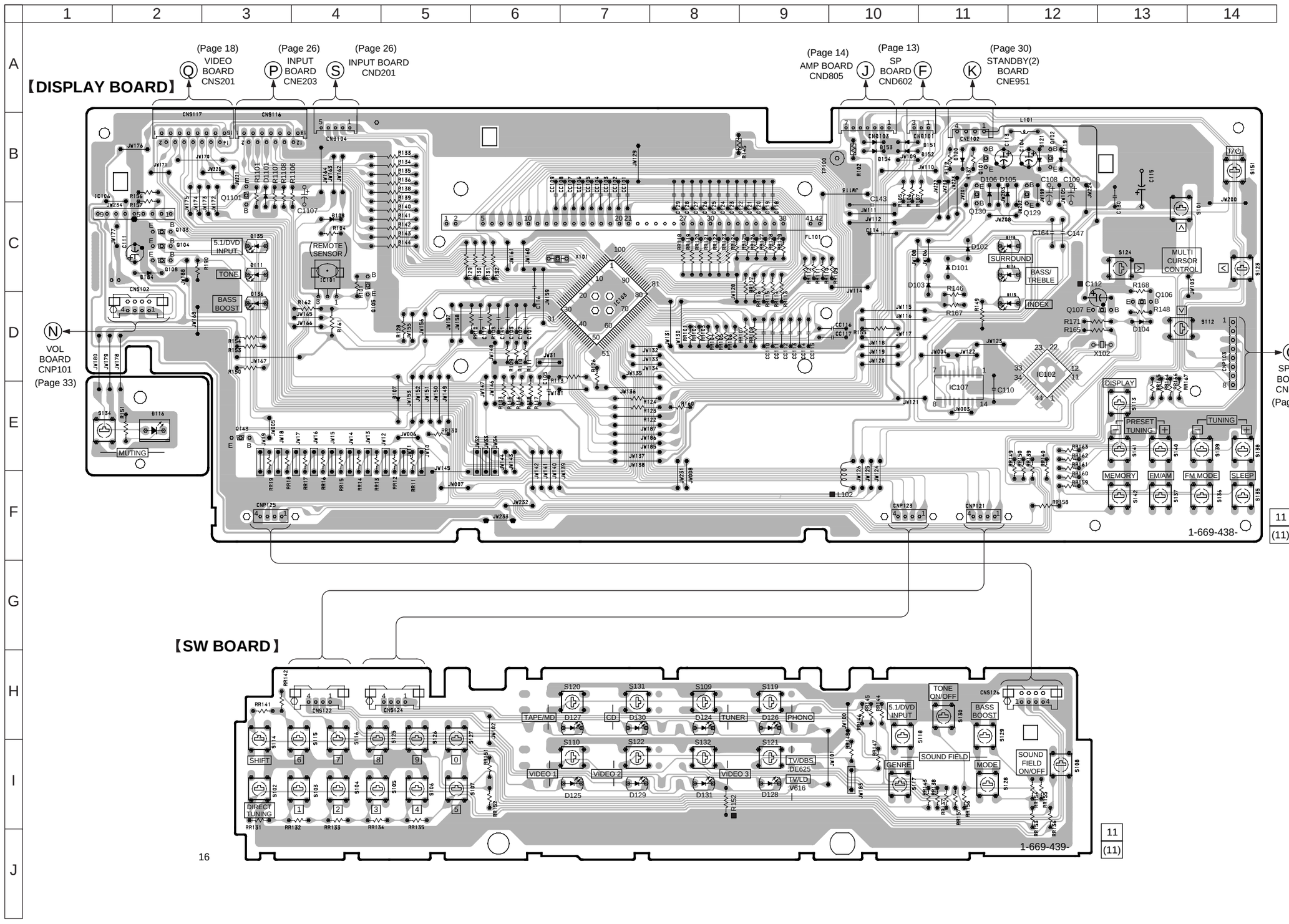


3-12. PRINTED WIRING BOARD— DISPLAY SECTION —

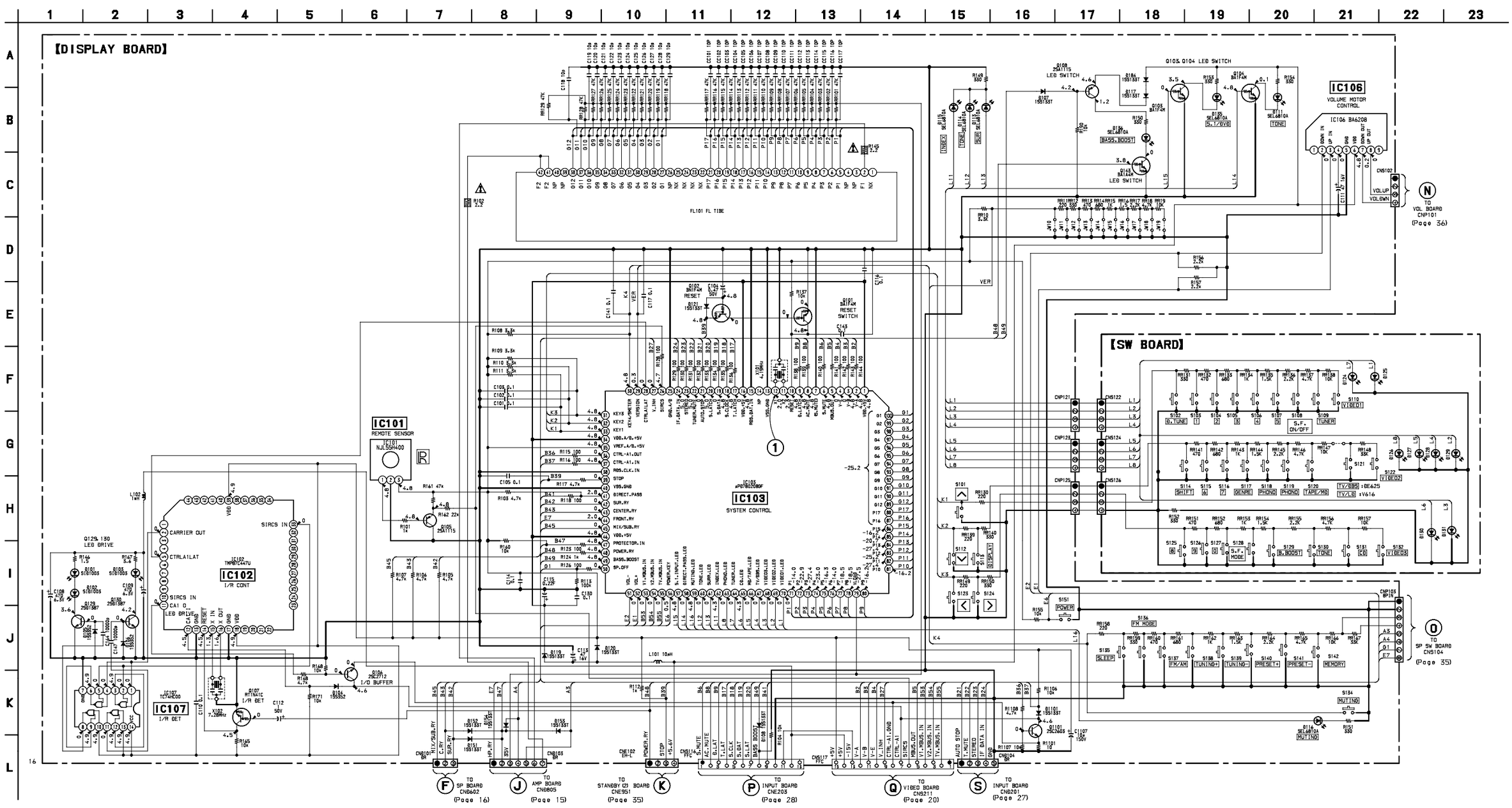
• See page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D101	C-11
D102	C-11
D103	C-11
D104	D-13
D105	B-11
D106	B-11
D107	E-5
D108	C-4
D111	C-3
D113	C-12
D114	C-12
D115	D-12
D116	E-2
D119	B-12
D120	B-11
D121	B-12
D124	H-8
D125	I-6
D126	H-9
D127	H-6
D128	I-9
D129	I-7
D130	H-7
D131	I-8
D135	C-3
D136	D-3
D151	B-10
D152	B-10
D153	B-10
D154	B-10
D184	C-2
D1101	B-3
IC101	C-4
IC102	D-12
IC103	D-7
IC106	C-1
IC107	E-11
Q101	B-11
Q102	B-12
Q103	C-2
Q104	C-2
Q105	D-4
Q106	D-13
Q107	D-12
Q108	C-2
Q129	C-12
Q130	C-11
Q143	E-3
Q1101	B-3



3-13. SCHEMATIC DIAGRAM — DISPLAY SECTION — • See page 8 for Waveform. See page 37 for IC Pin Function Description. See page 39 for IC Block Diagrams.

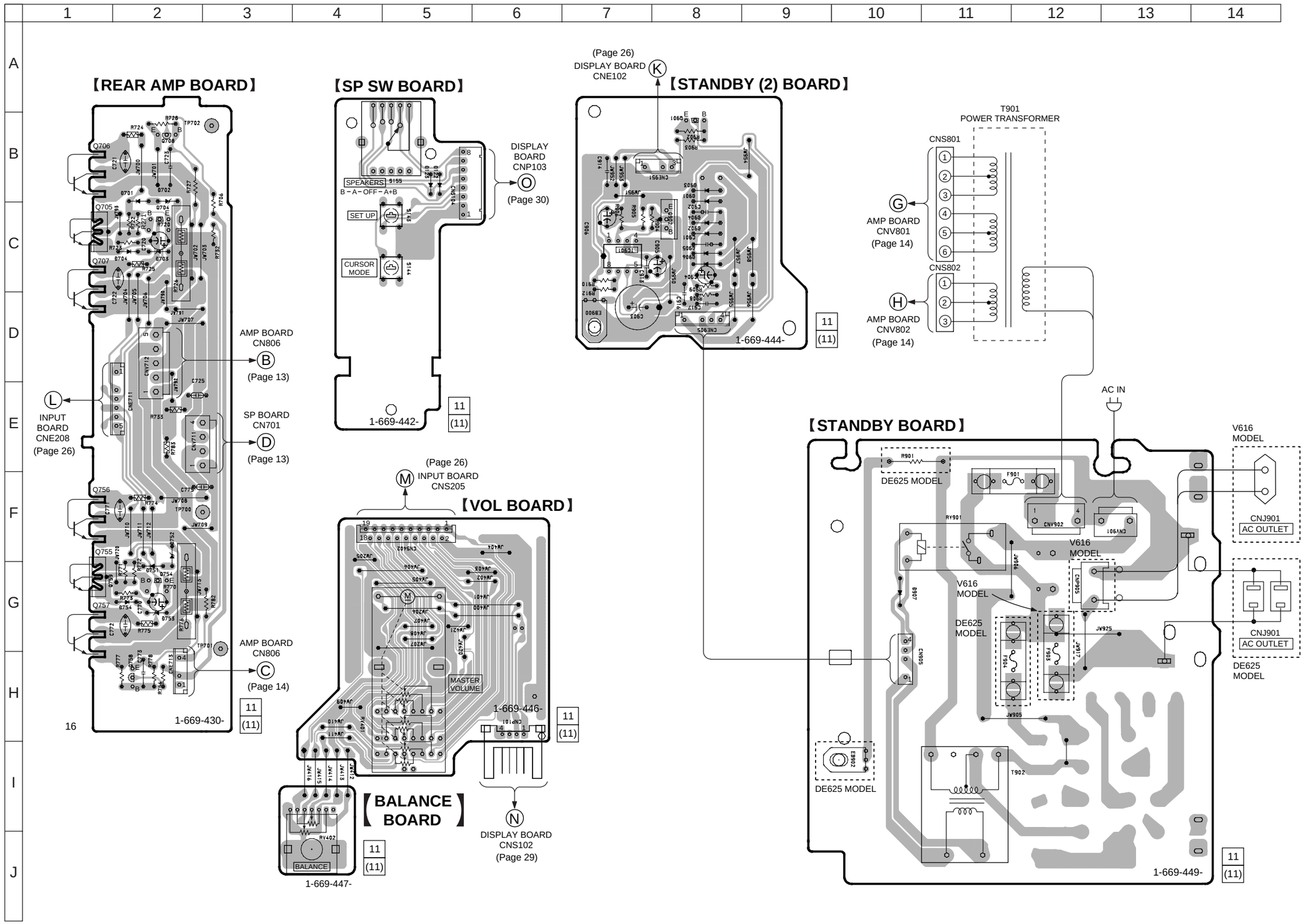


3-14. PRINTED WIRING BOARD— POWER SECTION —

• See page 7 for Circuit Boards Location.

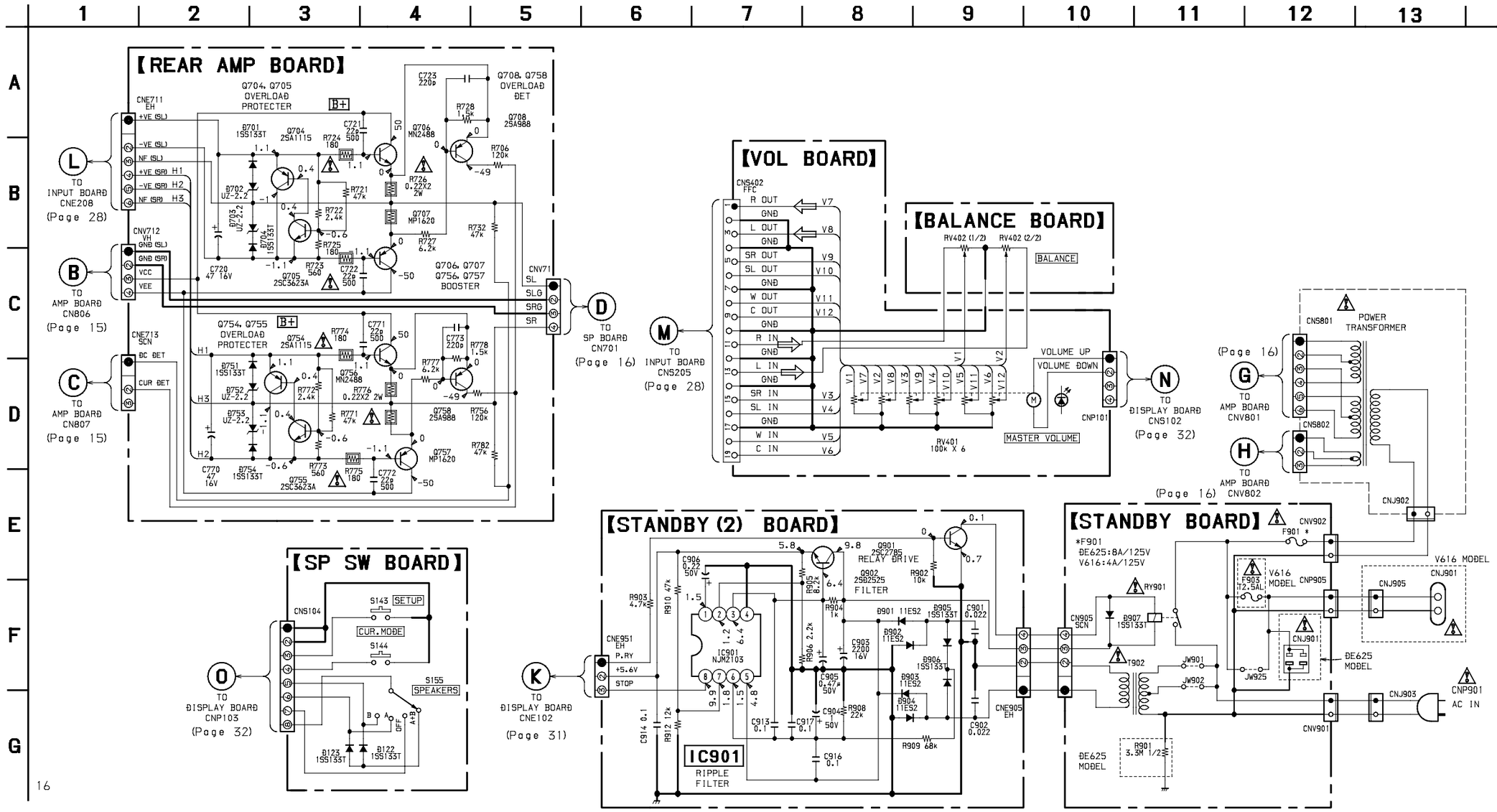
• **Semiconductor Location**

Ref. No.	Location
D122	B-5
D123	B-5
D543	D-4
D605	C-5
D606	C-6
D607	C-5
D649	C-3
D701	B-2
D702	B-2
D703	C-2
D704	C-2
D705	D-3
D706	D-3
D749	B-2
D751	G-2
D752	F-2
D753	G-2
D754	G-2
D901	B-8
D902	C-8
D903	B-8
D904	C-8
D905	C-8
D906	C-8
IC702	C-7
IC901	C-7
Q544	C-6
Q609	C-6
Q610	C-6
Q611	C-6
Q645	C-5
Q704	C-2
Q705	C-1
Q706	B-1
Q707	C-1
Q708	B-2
Q709	C-3
Q710	C-3
Q745	C-4
Q747	C-6
Q748	C-6
Q754	G-2
Q755	G-1
Q756	F-1
Q757	G-1
Q758	H-2
Q901	B-8
Q902	C-8



3-15. SCHEMATIC DIAGRAM — POWER SECTION —

• See page 39 for IC Block Diagrams.



3-16. IC Pin Function Description

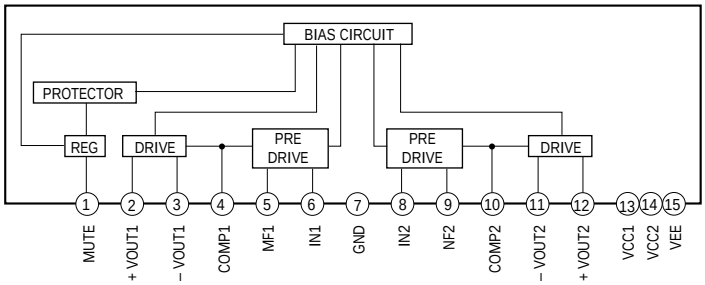
• IC103 uPD780208FGF (DISPLAY BOARD)

Pin No.	Pin Name	I/O	Description
1	VDD	—	Power Supply (+5 V)
2	P37	O	Video IC SW1
3	P36/BUZ	O	Video IC SW2
4	P35/PCL	O	Video IC SW3
5	P34/TI2	O	Ground through resister
6	P33/TI1	O	S Mute
7	P32/TO2	I	Not used (ground)
8	P31/TO1	O	A-class mute
9	P30/TO0	O	Dolby latch
10	RESET	I	System reset
11	X2	—	System clock (4.19 MHz)
12	X1	I	System clock (4.19 MHz)
13	IC (VPP)	—	= VSS (0 V)
14	XT2	—	Open
15	P04/XT1	I	Ground
16	VDD	—	+5 V
17	P27/SCK0	O	Tone latch
18	P26/SO0/SB1	O	Serial clock
19	P25/SI0/SB0	O	Serial data
20	P24/BUSY	O	Serial latch
21	P23/STB	I	Auto stop
22	P22/SCK1	O	Tuner mute
23	P21/SO1	I	Stereo
24	P20/SI1	I	Tuner data in
25	AVSS	—	A/D ground (0 V)
26	P17/ANI7	I	SIRCS input
27	P16/ANI6	O	Video IC SW4
28	P15/ANI5	O	Ground through resister
29	P14/ANI4	I	Version
30	P13/ANI3	I	A/D key 4
31	P12/ANI2	I	A/D key 3
32	P11/ANI1	I	A/D key 2
33	P10/ANI0	I	A/D key 1
34	AVDD	—	A/D power supply (+5 V)
35	AVref	I	A/D reference voltage (+5 V)
36	P03/INTP3	O	Ground through resister
37	P02/INTP2	I	Ground
38	P01/INTP1	I	Ground
39	P00/INTP0/T10	I	STOP
40	VSS	—	0 V
41	P74	O	Direct pass relay
42	P73	O	Surround relay
43	P72	O	Center relay
44	P71	O	Front relay
45	P70	O	Mix/sub relay
46	VDD	—	+5 V
47	P127/FIP52	I	Protector in
48	P126/FIP51	O	Power relay
49	P125/FIP50	O	Bass boost
50	P124/EIP49	I	Speaker off

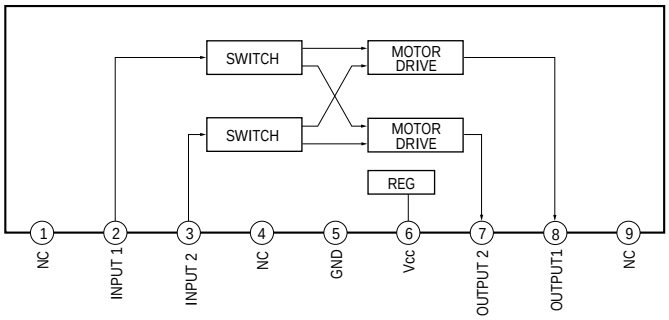
Pin No.	Pin Name	I/O	Description
51	P123/FIP48	O	Volume –
52	P122/EIP47	O	Volume +
53	P121/FIP46	I	Ground
54	P120/FIP45	I	Ground
55	P117/FIP44	I	Ground
56	P116/FIP43	I	Power switch in
57	P115/EIP42	O	5.1/DVD input LED
58	P114/FIP41	O	Tone LED
59	P113/FIP40	O	Muting LED
60	P112/FIP39	O	Bass/Treble LED
61	P111/FIP38	O	Surround LED
62	P110/FIP37	O	Index LED
63	P107/FIP36	O	PHONO LED
64	P106/FIP35	O	TUNER LED
65	P105/FIP34	O	TAPE/MD LED
66	P104/FIP33	O	CD LED
67	P103/FIP32	O	TV/LD LED
68	P102/FIP31	O	Ground through resister
69	P101/FIP30	O	Ground through resister
70	P100/FIP29	O	Video LED
71	P97/FIP28	O	P1
72	P96/FIP27	O	P2
73	P95/FIP26	O	P3
74	P94/FIP25	O	P4
75	P93/FIP24	O	P5
76	P92/FIP23	O	P6
77	P91/FIP22	O	P7
78	P90/FIP21	O	P8
79	Vload	—	FIP pull down (–35 V)
80	P87/FIP20	O	P9
81	P86/FIP19	O	P10
82	P85/FIP18	O	P11
83	P84/FIP17	O	P12
84	P83/FIP16	O	P13
85	P82/FIP15	O	P14
86	P81/FIP14	O	P15
87	P80/FIP13	O	P16
88	FIP12	O	P17
89	FIP11	O	12G
90	FIP10	O	11G
91	FIP9	O	10G
92	FIP8	O	9G
93	FIP7	O	8G
94	FIP6	O	7G
95	FIP5	O	6G
96	FIP4	O	5G
97	FIP3	O	4G
98	FIP2	O	3G
99	FIP1	O	2G
100	FIP0	O	1G

3-17. IC BLOCK DIAGRAMS

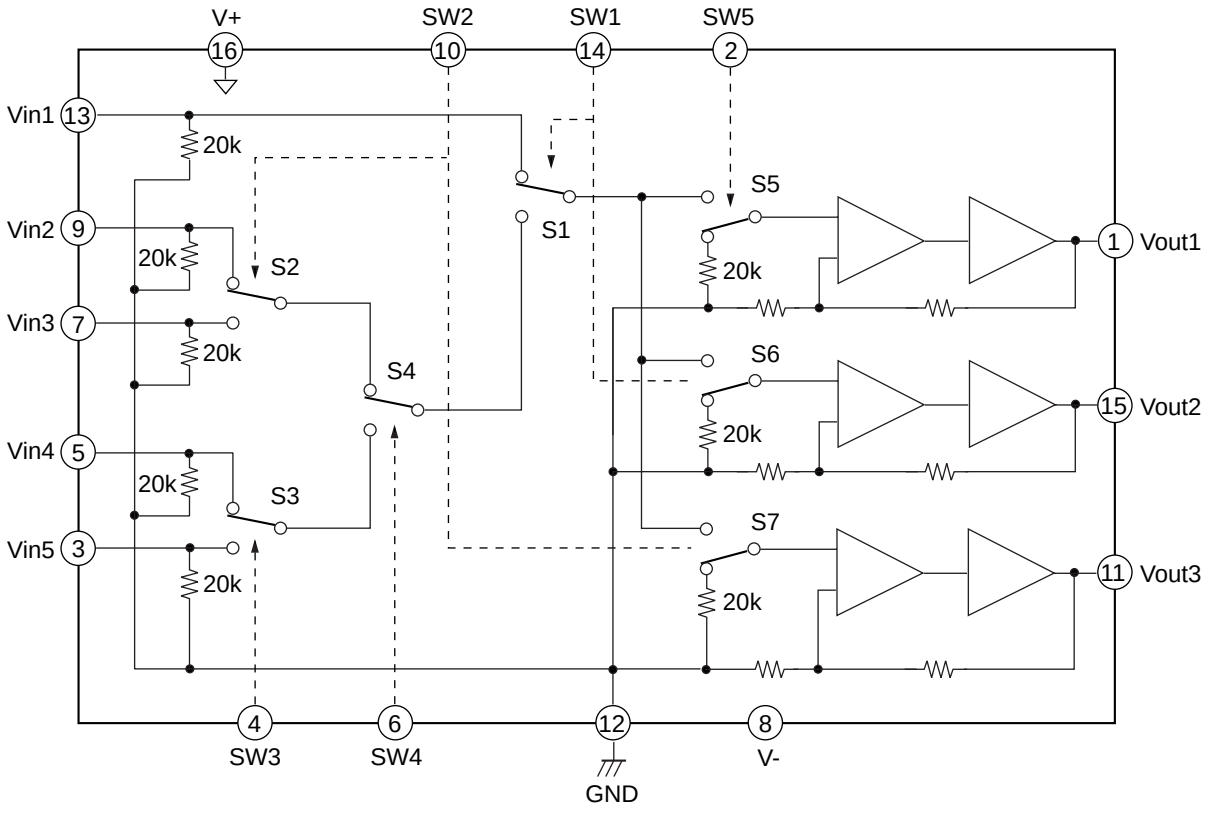
IC001,701 uPC2581V (INPUT BOARD)



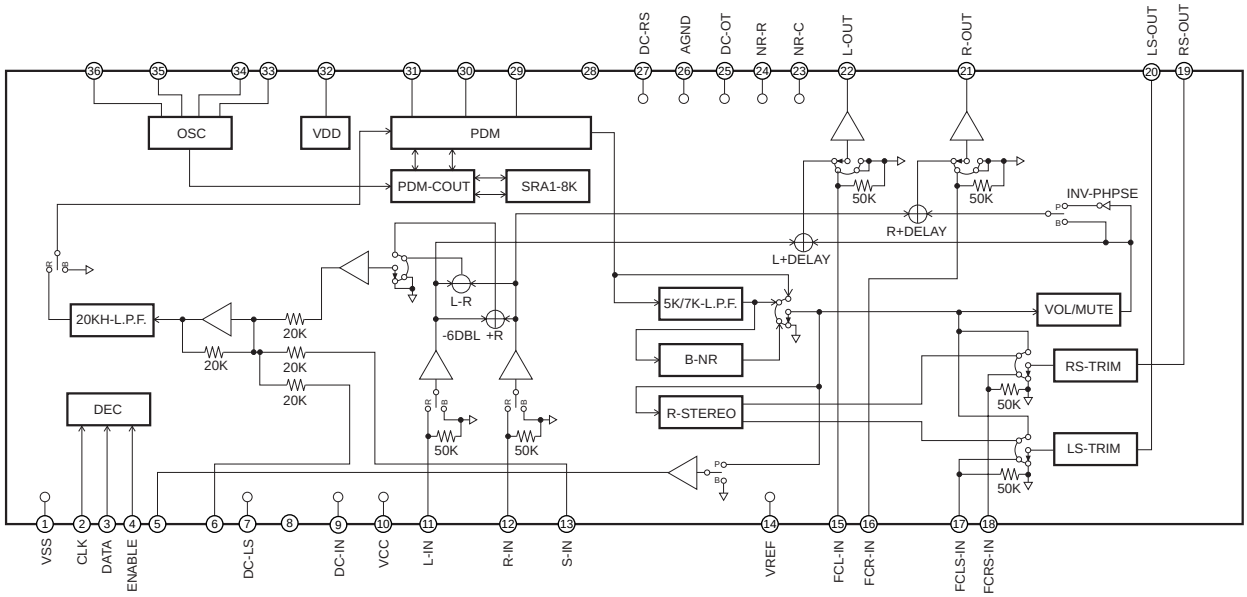
IC106 BA6208 (DISPLAY BOARD)



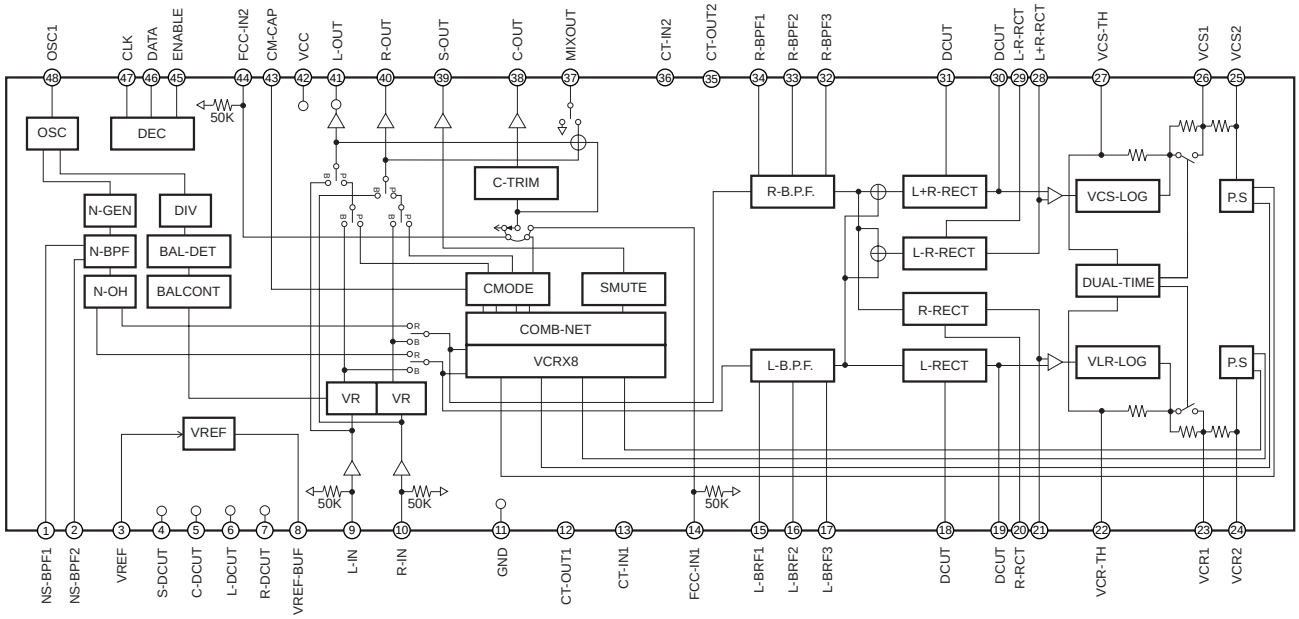
IC201 NJM2296D (VIDEO BOARD)



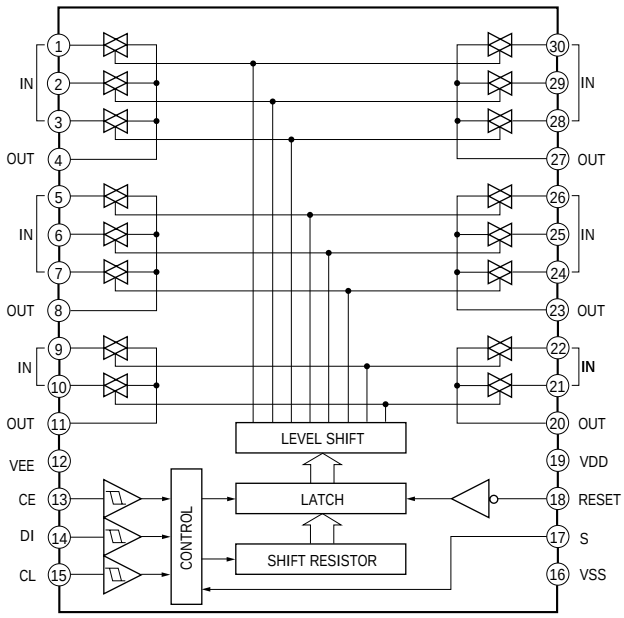
IC400 CXA8081S (SURR BOARD)



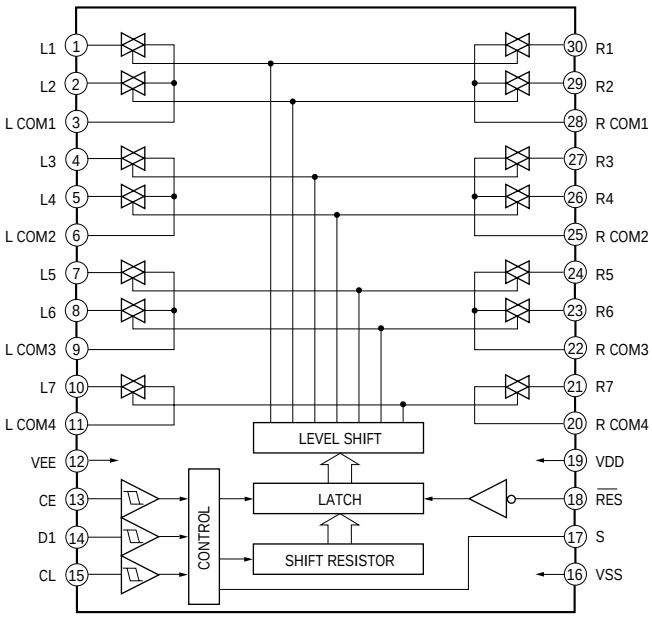
IC401 CXA8079S (SURR BOARD)



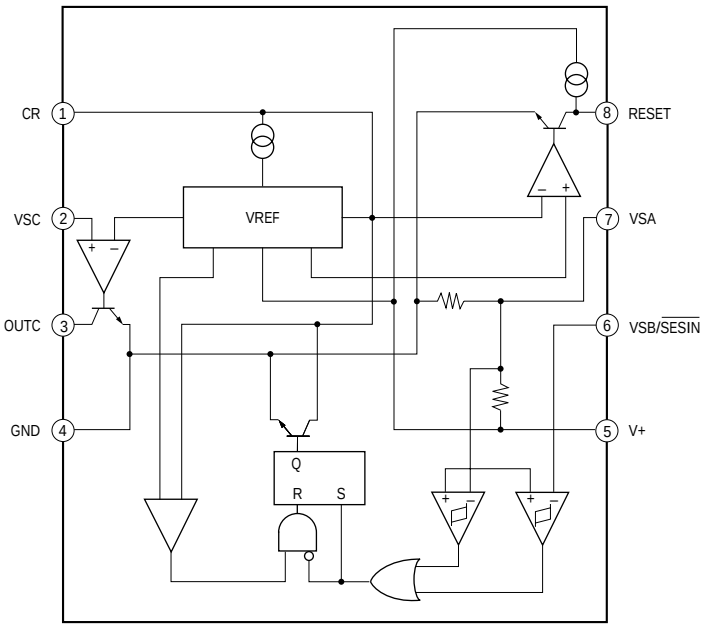
IC302 LC7822 (INPUT BOARD)



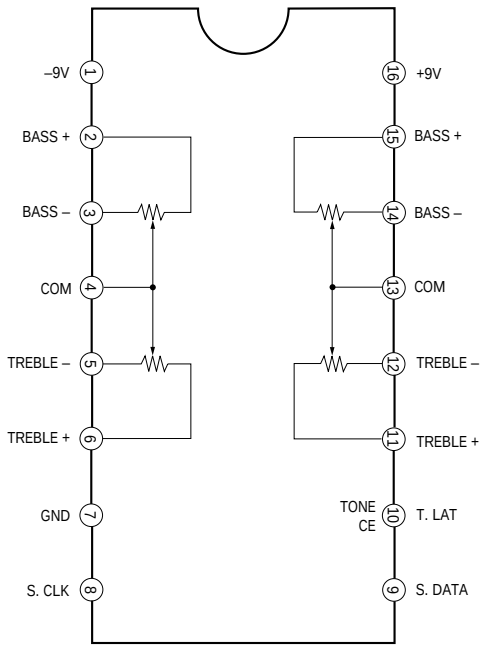
IC403 LC7823 (SURR BOARD)



IC901 NJM2103D (STANDBY(2) BOARD)



IC502 TC9184P (INPUT BOARD)



SECTION 4
EXPLODED VIEWS

NOTE:

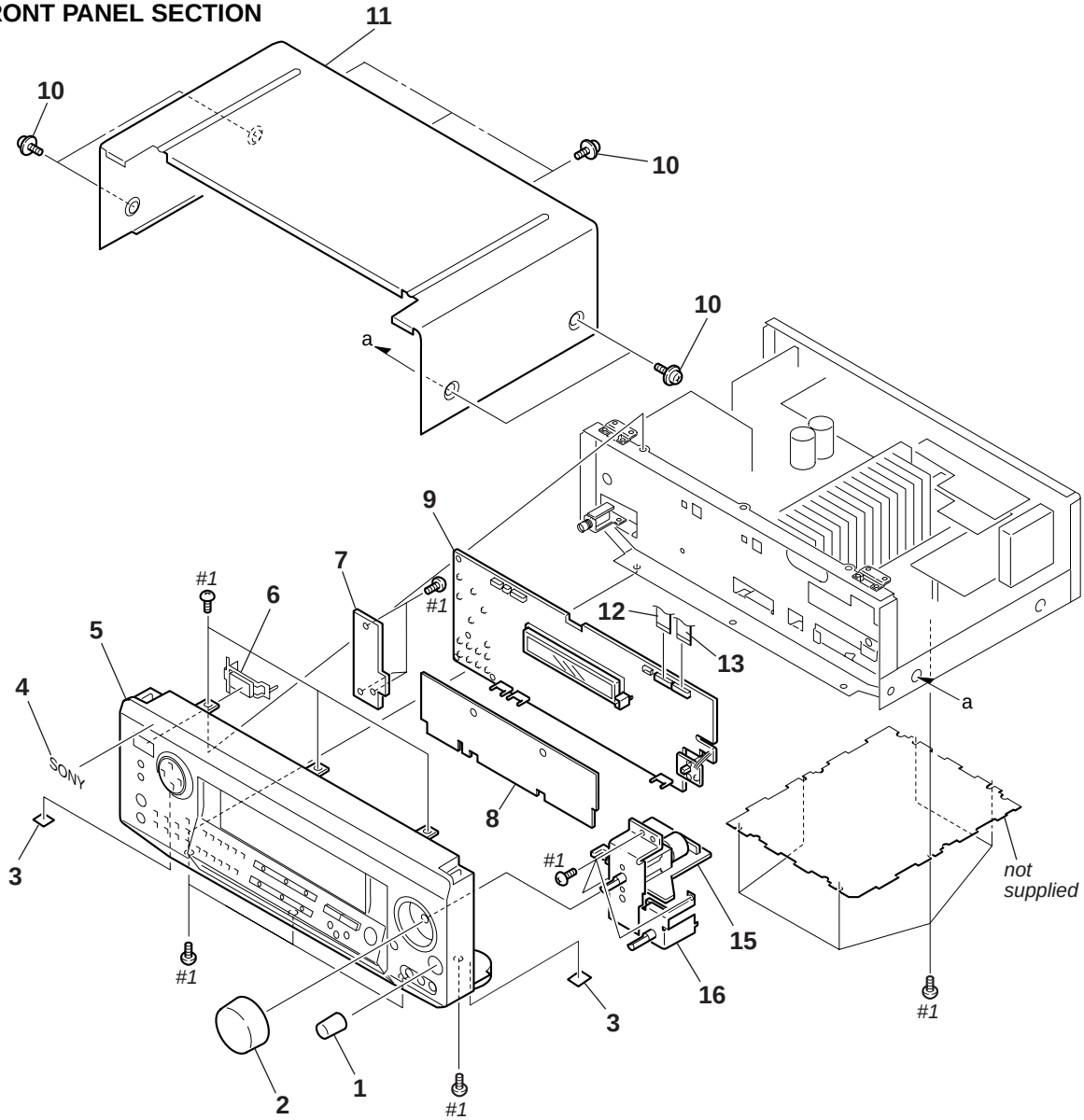
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
  CND : Canadian
  CH : Chinese
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts of Color ↑ Cabinet's Color

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

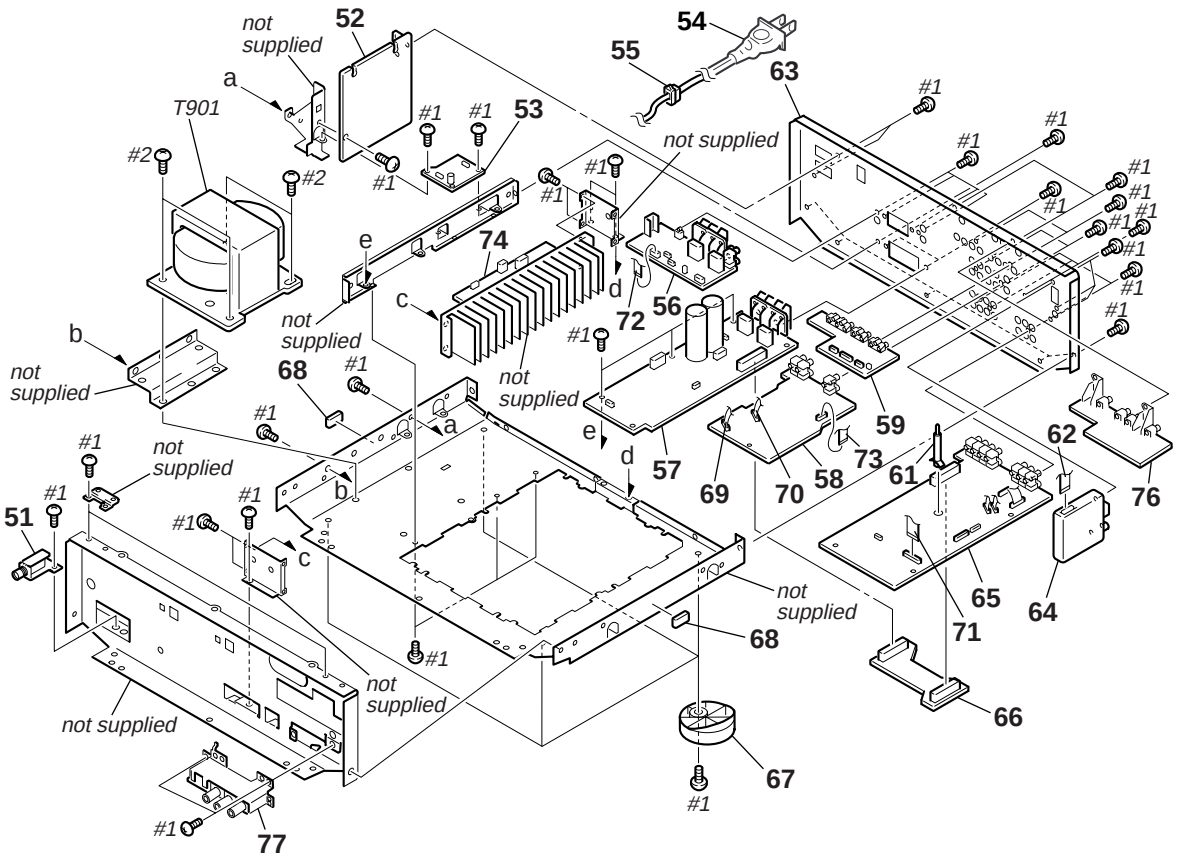
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remarks
1	4-957-383-01	KNOB (F14)(BLACK)	
1	4-957-383-21	KNOB (F14)(GOLD)	
2	X-4949-627-1	KNOB (VOL) ASSY (BLACK)	
2	X-4949-750-1	KNOB ASSY (C5)(GOLD)	
3	4-977-358-11	CUSHION	
4	4-996-698-01	EMBLEM, SONY (SILVER)	
4	4-996-698-11	EMBLEM, SONY (GOLD)	
5	X-4949-742-1	PANEL ASSY (D5), FRONT (BLACK) (DE625:CND)	
5	X-4949-743-1	PANEL ASSY, FRONT (BLACK)(DE625:US)	
5	X-4949-744-1	PANEL ASSY, FRONT (GOLD)(V616)	
6	4-989-843-31	BUTTON (B-T)(BLACK)	
6	4-989-843-41	BUTTON (B-T)(GOLD)	
* 7	1-669-442-11	SP SW BOARD	
* 8	1-669-439-11	SW BOARD	
* 9	A-4407-570-A	DISPLAY BOARD, COMPLETE (DE625)	
* 9	A-4407-579-A	DISPLAY BOARD, COMPLETE (V616)	
10	3-710-901-01	SCREW, TAPPING (GOLD)	
10	3-710-901-11	SCREW, TAPPING (BLACK)	
* 11	4-982-682-01	CASE (414532)(BLACK)	
11	X-4947-723-1	CASE ASSY (GOLD)	
12	1-783-776-11	WIRE (FLAT TYPE) (13 CORE)	
13	1-773-022-11	WIRE (FLAT TYPE) (15 CORE)	
* 15	1-669-446-11	VOL BOARD	
* 16	1-669-447-11	BALANCE BOARD	

4-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remarks
* 51	1-669-443-11	H.P BOARD	
* 52	1-669-449-11	STANDBY BOARD	
* 53	A-4407-589-A	STANDBY (2) BOARD, COMPLETE	
⚠54	1-769-743-11	CORD, POWER (US,CND)	
⚠54	1-782-464-21	CORD, POWER (CH)	
* 55	3-703-244-00	BUSHING (2104), CORD	
* 56	1-669-428-11	SP BOARD (DE625)	
* 56	1-670-651-11	SP BOARD (V616)	
* 57	A-4407-577-A	AMP BOARD, COMPLETE (DE625)	
* 57	A-4407-582-A	AMP BOARD, COMPLETE (V616)	
* 58	A-4407-575-A	SURR BOARD, COMPLETE	
* 59	1-669-435-11	VIDEO BOARD	
61	4-924-098-91	HOLDER, PC BOARD	
62	1-773-008-11	WIRE (FLAT TYPE) (15 CORE)	
* 63	4-999-236-01	PANEL, BACK (DE625:US)	
* 63	4-999-236-11	PANEL, BACK (DE625:CND)	
* 63	4-999-236-21	PANEL, BACK (V616)	
64	1-693-407-21	TUNER (DE625)	

Ref. No.	Part No.	Description	Remarks
64	1-693-408-21	TUNER (V616)	
* 65	A-4407-578-A	INPUT BOARD, COMPLETE (DE625)	
* 65	A-4407-583-A	INPUT BOARD, COMPLETE (V616)	
* 66	1-669-441-11	CONNECTOR BOARD	
67	X-4947-208-1	FOOT ASSY (F50150S) (DE625)	
67	X-4947-547-1	FOOT ASSY (F50150S) (V616)	
68	4-985-642-01	CUSHION	
69	1-769-941-11	WIRE (FLAT TYPE) (11 CORE)	
70	1-765-321-11	WIRE (FLAT TYPE) (9 CORE)	
71	1-773-110-11	WIRE (FLAT TYPE) (19 CORE)	
72	1-769-877-11	WIRE (FLAT TYPE) (7 CORE)	
73	1-773-022-11	WIRE (FLAT TYPE) (15 CORE)	
* 74	A-4407-590-A	REARAMP BOARD, COMPLETE	
* 76	1-669-434-11	(S) LINK BOARD (DE625)	
* 76	A-4407-581-A	S VIDEO BOARD, COMPLETE (V616)	
* 77	1-669-445-11	VIDEO 3 BOARD	
⚠T901	1-431-809-11	TRANSFORMER, POWER (US,CND)	
⚠T901	1-431-811-11	TRANSFORMER, POWER (CH)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

AMP

SECTION 5
ELECTRICAL PARTS LIST

NOTE:

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:
  uF: µF
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- COILS
  uH: µH
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA...: µA... , uPA... , µPA... , uPB... , µPB... , uPC... , µPC... , uPD..., µPD...
- Abbreviation
  CND : Canadian
  CH : Chinese

Ref. No.	Part No.	Description			Remarks
*	A-4407-577-A	AMP BOARD, COMPLETE (DE625)			
		**********			
*	A-4407-582-A	AMP BOARD, COMPLETE (V616)			
		**********			
	1-533-293-11	FUSE HOLDER			
		< CAPACITOR >			
C501	1-126-965-11	ELECT	22uF	20%	50V
C520	1-126-967-11	ELECT	47uF	20%	50V
C521	1-107-597-11	CERAMIC	22PF	10%	500V
C522	1-107-597-11	CERAMIC	22PF	10%	500V
C523	1-162-286-31	CERAMIC	220PF	10%	50V
C524	1-126-964-11	ELECT	10uF	20%	50V
C525	1-136-157-00	FILM	0.022uF	5%	50V
C526	1-136-153-00	FILM	0.01uF	5%	50V
C570	1-126-967-11	ELECT	47uF	20%	50V
C571	1-107-597-11	CERAMIC	22PF	10%	500V
C572	1-107-597-11	CERAMIC	22PF	10%	500V
C573	1-162-286-31	CERAMIC	220PF	10%	50V
C574	1-126-964-11	ELECT	10uF	20%	50V
C575	1-136-157-00	FILM	0.022uF	5%	50V
C576	1-136-153-00	FILM	0.01uF	5%	50V
C590	1-126-935-11	ELECT	470uF	20%	6.3V
C598	1-126-965-11	ELECT	22uF	20%	50V
C620	1-126-967-11	ELECT	47uF	20%	50V
C621	1-107-597-11	CERAMIC	22PF	10%	500V
C622	1-107-597-11	CERAMIC	22PF	10%	500V
C623	1-162-286-31	CERAMIC	220PF	10%	50V
C625	1-136-157-00	FILM	0.022uF	5%	50V
C801	1-126-967-11	ELECT	47uF	20%	50V
C803	1-109-932-11	ELECT(BLOCK)	10000uF	20%	71V (DE625)
C803	1-117-950-11	ELECT	10000uF	20%	63V (V616)
C804	1-109-932-11	ELECT(BLOCK)	10000uF	20%	71V (DE625)
C804	1-117-950-11	ELECT	10000uF	20%	63V (V616)
C805	1-130-781-00	FILM	0.22uF	10%	100V
C806	1-130-781-00	FILM	0.22uF	10%	100V
C811	1-126-952-11	ELECT	1000uF	20%	35V
C812	1-126-951-11	ELECT	470uF	20%	35V
C813	1-126-967-11	ELECT	47uF	20%	50V
C817	1-126-967-11	ELECT	47uF	20%	50V
C818	1-126-967-11	ELECT	47uF	20%	50V
CC48	1-164-096-11	CERAMIC	0.01uF		50V
CC49	1-164-096-11	CERAMIC	0.01uF		50V
CC98	1-164-096-11	CERAMIC	0.01uF		50V
CC99	1-164-096-11	CERAMIC	0.01uF		50V
		< CONNECTOR >			
* CND803	1-564-340-00	PIN, CONNECTOR 6P			
* CND805	1-564-341-11	PIN, CONNECTOR 7P			
* CNN801	1-564-243-11	PIN, CONNECTOR 6P			
* CNN802	1-564-104-00	PIN, CONNECTOR (B3P-VH) 3P			
CNS651	1-784-806-11	HOUSING,CONNECTOR(PC BOARD)13P			
CNS804	1-568-439-11	SOCKET, CONNECTOR 7P			
		< DIODE >			
D501	8-719-911-19	DIODE 1SS119			
D502	8-719-109-54	DIODE RD2.2ES-B2			
D503	8-719-109-54	DIODE RD2.2ES-B2			
D504	8-719-911-19	DIODE 1SS119			
D505	8-719-911-19	DIODE 1SS119			
D506	8-719-911-19	DIODE 1SS119			
D545	8-719-911-19	DIODE 1SS119			
D546	8-719-911-19	DIODE 1SS119			
D547	8-719-911-19	DIODE 1SS119			
D548	8-719-911-19	DIODE 1SS119			
D549	8-719-911-19	DIODE 1SS119			
D551	8-719-911-19	DIODE 1SS119			
D552	8-719-109-54	DIODE RD2.2ES-B2			
D553	8-719-109-54	DIODE RD2.2ES-B2			
D554	8-719-911-19	DIODE 1SS119			
D555	8-719-911-19	DIODE 1SS119			
D556	8-719-911-19	DIODE 1SS119			
D601	8-719-911-19	DIODE 1SS119			
D602	8-719-109-54	DIODE RD2.2ES-B2			
D603	8-719-109-54	DIODE RD2.2ES-B2			
D604	8-719-911-19	DIODE 1SS119			
D608	8-719-911-19	DIODE 1SS119			
D647	8-719-911-19	DIODE 1SS119			
D648	8-719-911-19	DIODE 1SS119			
D801	8-719-302-38	DIODE RBV-602-01			
D802	8-719-200-82	DIODE 11ES2			
D803	8-719-200-82	DIODE 11ES2			
D804	8-719-200-82	DIODE 11ES2			
D805	8-719-200-82	DIODE 11ES2			
D806	8-719-068-24	DIODE HZ5.6BP-TK			
D807	8-719-934-17	DIODE HZS27-1L			

Ref. No.	Part No.	Description	Remarks
		< EARTH >	
* EB702	1-537-738-21	TERMINAL, EARTH	
* EB703	1-537-738-21	TERMINAL, EARTH	
		< FUSE >	
⚠F801	1-532-506-51	FUSE TIME LAG 6.3A/250V(V616)	
⚠F801	1-533-311-11	FUSE, GLASS CYLINDRICAL(DIA.5) 8A/125V (DE625)	
⚠F802	1-532-506-51	FUSE TIME LAG 6.3A/250V(V616)	
⚠F802	1-533-311-11	FUSE, GLASS CYLINDRICAL(DIA.5) 8A/125V (DE625)	
⚠F803	1-532-504-51	FUSE TIME LAG 4A/250V(V616)	
⚠F803	1-533-419-11	FUSE, GLASS CYLINDRICAL(DIA.5) 4A/125V (DE625)	
⚠F804	1-532-504-51	FUSE TIME LAG 4A/250V(V616)	
⚠F804	1-533-419-11	FUSE, GLASS CYLINDRICAL(DIA.5) 4A/125V (DE625)	
		< IC >	
IC809	8-759-708-05	IC NJM78L05A	
		< COIL >	
L501	1-411-906-11	COIL, AIR-CORE (V616)	
L501	1-420-872-00	COIL, AIR-CORE (DE625)	
L551	1-411-906-11	COIL, AIR-CORE (V616)	
L551	1-420-872-00	COIL, AIR-CORE (DE625)	
		< TRANSISTOR >	
Q504	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q506	8-749-010-25	IC MN2488-OPY-M	
Q507	8-749-010-26	IC MP1620-OPY-M	
Q508	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q509	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q510	8-729-900-63	TRANSISTOR DTA124ES	
Q511	8-729-900-63	TRANSISTOR DTA124ES	
Q546	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q547	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q548	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q549	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q554	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q556	8-749-010-25	IC MN2488-OPY-M	
Q557	8-749-010-26	IC MP1620-OPY-M	
Q558	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q559	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q560	8-729-900-63	TRANSISTOR DTA124ES	
Q561	8-729-900-63	TRANSISTOR DTA124ES	
Q596	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q601	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q604	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q606	8-749-010-25	IC MN2488-OPY-M	
Q607	8-749-010-26	IC MP1620-OPY-M	
Q608	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q612	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q613	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q614	8-729-201-53	TRANSISTOR 2SA1015-GR	
Q615	8-729-900-36	TRANSISTOR DTC124ES	
Q616	8-729-900-36	TRANSISTOR DTC124ES	
Q617	8-729-900-36	TRANSISTOR DTC124ES	
Q618	8-729-900-63	TRANSISTOR DTA124ES	
Q801	8-729-140-97	TRANSISTOR 2SB734-34	

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R501	1-249-432-11	CARBON	18K	5%	1/4W
R503	1-249-432-11	CARBON	18K	5%	1/4W
R504	1-249-429-11	CARBON	10K	5%	1/4W
⚠R505	1-249-405-11	CARBON	100	5%	1/4W F
⚠R506	1-249-381-11	CARBON	1	5%	1/4W F
R521	1-247-840-00	CARBON	2.4K	5%	1/4W
R523	1-249-414-11	CARBON	560	5%	1/4W F
⚠R524	1-249-408-81	CARBON	180	5%	1/4W F
⚠R525	1-249-408-81	CARBON	180	5%	1/4W F
⚠R526	1-233-352-41	ENCAPSULATED COMPONENT			
R527	1-247-850-11	CARBON	6.2K	5%	1/4W
R528	1-249-419-11	CARBON	1.5K	5%	1/4W F
R529	1-247-866-11	CARBON	30K	5%	1/4W
R530	1-249-421-11	CARBON	2.2K	5%	1/4W F
R531	1-249-433-11	CARBON	22K	5%	1/4W
R532	1-249-437-11	CARBON	47K	5%	1/4W
⚠R533	1-249-393-11	CARBON	10	5%	1/4W F
⚠R534	1-249-389-11	CARBON	4.7	5%	1/4W F
R535	1-249-431-11	CARBON	15K	5%	1/4W
R539	1-249-427-11	CARBON	6.8K	5%	1/4W F
R540	1-249-417-11	CARBON	1K	5%	1/4W F
R541	1-249-429-11	CARBON	10K	5%	1/4W
R542	1-249-429-11	CARBON	10K	5%	1/4W
R547	1-249-425-11	CARBON	4.7K	5%	1/4W F
R548	1-249-429-11	CARBON	10K	5%	1/4W
⚠R549	1-249-393-11	CARBON	10	5%	1/4W F
R551	1-247-881-00	CARBON	120K	5%	1/4W
R552	1-247-881-00	CARBON	120K	5%	1/4W
R571	1-247-840-00	CARBON	2.4K	5%	1/4W
R573	1-249-414-11	CARBON	560	5%	1/4W F
⚠R574	1-249-408-81	CARBON	180	5%	1/4W F
⚠R575	1-249-408-81	CARBON	180	5%	1/4W F
⚠R576	1-233-352-41	ENCAPSULATED COMPONENT			
R577	1-247-850-11	CARBON	6.2K	5%	1/4W
R578	1-249-419-11	CARBON	1.5K	5%	1/4W F
R579	1-247-866-11	CARBON	30K	5%	1/4W
R580	1-249-421-11	CARBON	2.2K	5%	1/4W F
R581	1-249-433-11	CARBON	22K	5%	1/4W
R582	1-249-437-11	CARBON	47K	5%	1/4W
⚠R583	1-249-393-11	CARBON	10	5%	1/4W F
⚠R584	1-249-389-11	CARBON	4.7	5%	1/4W F
R585	1-249-431-11	CARBON	15K	5%	1/4W
R586	1-249-429-11	CARBON	10K	5%	1/4W
R587	1-249-425-11	CARBON	4.7K	5%	1/4W F
⚠R588	1-249-393-11	CARBON	10	5%	1/4W F
R589	1-249-432-11	CARBON	18K	5%	1/4W
R590	1-249-432-11	CARBON	18K	5%	1/4W
R605	1-249-429-11	CARBON	10K	5%	1/4W
⚠R606	1-249-393-11	CARBON	10	5%	1/4W F
R607	1-216-456-00	METAL OXIDE	820	5%	2W F
R621	1-247-840-00	CARBON	2.4K	5%	1/4W
R622	1-247-881-00	CARBON	120K	5%	1/4W
R623	1-249-414-11	CARBON	560	5%	1/4W F
⚠R624	1-249-408-81	CARBON	180	5%	1/4W F

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remarks
⚠R625	1-249-408-81	CARBON	180	5% 1/4W	F
⚠R626	1-233-352-41	ENCAPSULATED COMPONENT			
R627	1-247-850-11	CARBON	6.2K	5% 1/4W	
R628	1-249-419-11	CARBON	1.5K	5% 1/4W	F
R632	1-249-437-11	CARBON	47K	5% 1/4W	
⚠R633	1-249-393-11	CARBON	10	5% 1/4W	F
R640	1-215-885-00	METAL OXIDE	68	5% 2W	F
R641	1-249-441-11	CARBON	100K	5% 1/4W	
R642	1-216-453-00	METAL OXIDE	270	5% 2W	F
R643	1-249-441-11	CARBON	100K	5% 1/4W	
R644	1-216-456-00	METAL OXIDE	820	5% 2W	F
R645	1-249-441-11	CARBON	100K	5% 1/4W	
R650	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R651	1-249-429-11	CARBON	10K	5% 1/4W	
R739	1-215-868-00	METAL OXIDE	680	5% 1W	F
R789	1-215-868-00	METAL OXIDE	680	5% 1W	F
⚠R802	1-249-401-11	CARBON	47	5% 1/4W	F
R803	1-247-843-11	CARBON	3.3K	5% 1/4W	
⚠RR48	1-249-393-11	CARBON	10	5% 1/4W	F
⚠RR49	1-249-393-11	CARBON	10	5% 1/4W	F
⚠RR98	1-249-393-11	CARBON	10	5% 1/4W	F
⚠RR99	1-249-393-11	CARBON	10	5% 1/4W	F
		< RELAY >			
RY501	1-515-920-11	RELAY (24V)			
RY502	1-515-920-11	RELAY (24V)			
RY602	1-515-793-11	RELAY			
		< TERMINAL >			
TM501	1-694-429-21	TERMINAL BOARD (FRONT SPEAKERS)(V616)			
TM501	1-537-922-11	TERMINAL BOARD (FRONT SPEAKERS) (DE625)			
**********					
*	1-669-447-11	BALANCE BOARD			
		**********			
		< VARIABLE RESISTOR >			
RV402	1-225-447-11	RES, VAR, CARBON 100K/100K (BALANCE)			
**********					
*	1-669-441-11	CONNECTOR BOARD			
		**********			
		< CONNECTOR >			
CNP207	1-784-807-11	CONNECTOR, BOARD TO BOARD 13P			
CNP651	1-784-807-11	CONNECTOR, BOARD TO BOARD 13P			
**********					
*	A-4407-570-A	DISPLAY BOARD, COMPLETE (DE625)			
		**********			
*	A-4407-579-A	DISPLAY BOARD, COMPLETE (V616)			
		**********			
*	3-386-245-11	HOLDER (FL)			
*	4-921-941-01	CUSHION (FL)			

Ref. No.	Part No.	Description			Remarks
		< CAPACITOR >			
C101	1-164-159-11	CERAMIC	0.1uF		50V
C102	1-164-159-11	CERAMIC	0.1uF		50V
C103	1-164-159-11	CERAMIC	0.1uF		50V
C104	1-126-959-11	ELECT	0.47uF	20%	50V
C105	1-164-159-11	CERAMIC	0.1uF		50V
C108	1-126-935-11	ELECT	470uF	20%	6.3V
C109	1-126-935-11	ELECT	470uF	20%	6.3V
C110	1-164-159-11	CERAMIC	0.1uF		50V
C111	1-126-967-11	ELECT	47uF	20%	16V
C112	1-126-960-11	ELECT	1uF	20%	50V
C113	1-126-967-11	ELECT	47uF	20%	16V
C114	1-164-159-11	CERAMIC	0.1uF		50V
C115	1-104-905-11	CAPACITOR	0.22F		5.5V
C116	1-164-159-11	CERAMIC	0.1uF		50V
C117	1-164-159-11	CERAMIC	0.1uF		50V
C118	1-162-199-31	CERAMIC	10PF	5%	50V
C119	1-162-199-31	CERAMIC	10PF	5%	50V
C120	1-162-199-31	CERAMIC	10PF	5%	50V
C121	1-162-199-31	CERAMIC	10PF	5%	50V
C122	1-162-199-31	CERAMIC	10PF	5%	50V
C123	1-162-199-31	CERAMIC	10PF	5%	50V
C124	1-162-199-31	CERAMIC	10PF	5%	50V
C125	1-162-199-31	CERAMIC	10PF	5%	50V
C126	1-162-199-31	CERAMIC	10PF	5%	50V
C127	1-162-199-31	CERAMIC	10PF	5%	50V
C128	1-162-199-31	CERAMIC	10PF	5%	50V
C129	1-162-199-31	CERAMIC	10PF	5%	50V
C130	1-164-159-11	CERAMIC	0.1uF		50V
C141	1-164-159-11	CERAMIC	0.1uF		50V
C143	1-164-159-11	CERAMIC	0.1uF		50V
C147	1-162-306-11	CERAMIC	0.01uF	20%	16V
C164	1-162-306-11	CERAMIC	0.01uF	20%	16V
C1107	1-124-261-00	ELECT	10uF	20%	50V
CC101	1-162-199-31	CERAMIC	10PF	5%	50V
CC102	1-162-199-31	CERAMIC	10PF	5%	50V
CC103	1-162-199-31	CERAMIC	10PF	5%	50V
CC104	1-162-199-31	CERAMIC	10PF	5%	50V
CC105	1-162-199-31	CERAMIC	10PF	5%	50V
CC106	1-162-199-31	CERAMIC	10PF	5%	50V
CC107	1-162-199-31	CERAMIC	10PF	5%	50V
CC108	1-162-199-31	CERAMIC	10PF	5%	50V
CC109	1-162-199-31	CERAMIC	10PF	5%	50V
CC110	1-162-199-31	CERAMIC	10PF	5%	50V
CC111	1-162-199-31	CERAMIC	10PF	5%	50V
CC112	1-162-199-31	CERAMIC	10PF	5%	50V
CC113	1-162-199-31	CERAMIC	10PF	5%	50V
CC114	1-162-199-31	CERAMIC	10PF	5%	50V
CC115	1-162-199-31	CERAMIC	10PF	5%	50V
CC116	1-162-199-31	CERAMIC	10PF	5%	50V
CC117	1-162-199-31	CERAMIC	10PF	5%	50V

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Replace only with part number specified.

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Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remarks
		< CONNECTOR >	
* CND101	1-564-496-11	PIN, CONNECTOR 3P	
* CND103	1-564-500-11	PIN, CONNECTOR 7P	
* CND104	1-564-498-11	PIN, CONNECTOR 5P	
* CNE102	1-564-519-11	PLUG, CONNECTOR 4P	
CNP103	1-779-365-11	CONNECTOR, PC BOARD (PLUG) 8P	
CNP121	1-779-366-11	CONNECTOR, BOARD TO BOARD 4P	
CNP123	1-779-366-11	CONNECTOR, BOARD TO BOARD 4P	
CNP125	1-779-366-11	CONNECTOR, BOARD TO BOARD 4P	
CNS102	1-770-397-11	HOUSING, CONNECTOR(PC BOARD)4P	
* CNS116	1-568-856-11	SOCKET, CONNECTOR 13P	
* CNS117	1-568-858-11	SOCKET, CONNECTOR 15P	
		< DIODE >	
D101	8-719-059-14	DIODE SID313BP-TP19	
D102	8-719-059-14	DIODE SID313BP-TP19	
D103	8-719-059-14	DIODE SID313BP-TP19	
D104	8-719-911-19	DIODE 1SS119	
D105	8-719-911-19	DIODE 1SS119	
D106	8-719-911-19	DIODE 1SS119	
D107	8-719-911-19	DIODE 1SS119	
D108	8-719-911-19	DIODE 1SS119	
D111	8-719-058-64	DIODE SEL5823A-TP15 (TONE)	
D113	8-719-058-64	DIODE SEL5823A-TP15 (SURROUND)	
D114	8-719-058-64	DIODE SEL5823A-TP15 (BASS/TREBLE)	
D115	8-719-058-64	DIODE SEL5823A-TP15 (INDEX)	
D116	8-719-313-45	DIODE SEL6810A-TH10 (MUTING)	
D119	8-719-911-19	DIODE 1SS119	
D120	8-719-911-19	DIODE 1SS119	
D121	8-719-911-19	DIODE 1SS119	
D135	8-719-058-64	DIODE SEL5823A-TP15 (5.1/DVD INPUT)	
D136	8-719-058-64	DIODE SEL5823A-TP15 (BASS BOOST)	
D151	8-719-911-19	DIODE 1SS119	
D152	8-719-911-19	DIODE 1SS119	
D153	8-719-911-19	DIODE 1SS119	
D154	8-719-911-19	DIODE 1SS119	
D184	8-719-911-19	DIODE 1SS119	
D1101	8-719-911-19	DIODE 1SS119	
		< FILTER >	
FL101	1-517-770-11	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC101	8-759-459-83	IC NJL55H400A	
IC102	8-759-545-07	IC TMP87C447U-4A06	
IC103	8-759-540-93	IC uPD780208GF-023-3BA	
IC106	8-759-962-08	IC BA6208	
IC107	8-759-267-86	IC SN74HC00ANS	
		< COIL >	
L101	1-410-509-11	INDUCTOR 10uH	
L102	1-410-763-71	INDUCTOR 1mH	

Ref. No.	Part No.	Description	Remarks
		< TRANSISTOR >	
Q101	8-729-900-36	TRANSISTOR DTC124ES	
Q102	8-729-900-63	TRANSISTOR DTA124ES	
Q103	8-729-900-36	TRANSISTOR DTC124ES	
Q104	8-729-900-36	TRANSISTOR DTC124ES	
Q105	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q106	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q107	8-729-900-80	TRANSISTOR DTC114ES	
Q108	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q129	8-729-801-93	TRANSISTOR 2SD1387	
Q130	8-729-801-93	TRANSISTOR 2SD1387	
Q143	8-729-900-80	TRANSISTOR DTC114ES	
Q1101	8-729-119-79	TRANSISTOR 2SC2785-FEK	
		< RESISTOR >	
R101	1-249-417-11	CARBON 1K 5% 1/4W	F
⚠ R102	1-249-385-11	CARBON 2.2 5% 1/6W	F
R103	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R104	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R104	1-249-429-11	CARBON 10K 5% 1/4W	
R105	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R106	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R107	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R108	1-247-843-11	CARBON 3.3K 5% 1/4W	
R109	1-247-843-11	CARBON 3.3K 5% 1/4W	
R110	1-247-843-11	CARBON 3.3K 5% 1/4W	
R111	1-247-843-11	CARBON 3.3K 5% 1/4W	
R112	1-249-417-11	CARBON 1K 5% 1/4W	F
R113	1-249-441-11	CARBON 100K 5% 1/4W	
R115	1-247-807-31	CARBON 100 5% 1/4W	
R116	1-247-807-31	CARBON 100 5% 1/4W	
R117	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R118	1-247-807-31	CARBON 100 5% 1/4W	
R123	1-247-807-31	CARBON 100 5% 1/4W	
R124	1-249-417-11	CARBON 1K 5% 1/4W	F
R126	1-247-807-31	CARBON 100 5% 1/4W	
R128	1-247-807-31	CARBON 100 5% 1/4W	
R129	1-247-807-31	CARBON 100 5% 1/4W	
R130	1-247-807-31	CARBON 100 5% 1/4W	
R131	1-247-807-31	CARBON 100 5% 1/4W	
R132	1-247-807-31	CARBON 100 5% 1/4W	
R133	1-247-807-31	CARBON 100 5% 1/4W	
R134	1-247-807-31	CARBON 100 5% 1/4W	
R135	1-247-807-31	CARBON 100 5% 1/4W	
R136	1-247-807-31	CARBON 100 5% 1/4W	
R137	1-249-429-11	CARBON 10K 5% 1/4W	
R138	1-247-807-31	CARBON 100 5% 1/4W	
R139	1-247-807-31	CARBON 100 5% 1/4W	
R140	1-247-807-31	CARBON 100 5% 1/4W	
R141	1-247-807-31	CARBON 100 5% 1/4W	
R142	1-247-807-31	CARBON 100 5% 1/4W	
R143	1-247-807-31	CARBON 100 5% 1/4W	
R144	1-247-807-31	CARBON 100 5% 1/4W	
⚠ R145	1-249-385-11	CARBON 2.2 5% 1/6W	F
R146	1-249-383-11	CARBON 1.5 5% 1/6W	F

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remarks
R148	1-249-425-11	CARBON	4.7K	5%	1/4W F
R149	1-249-411-11	CARBON	330	5%	1/4W
R150	1-249-411-11	CARBON	330	5%	1/4W
R151	1-249-411-11	CARBON	330	5%	1/4W
R153	1-249-411-11	CARBON	330	5%	1/4W
R154	1-249-411-11	CARBON	330	5%	1/4W
R155	1-249-429-11	CARBON	10K	5%	1/4W
R156	1-249-421-11	CARBON	2.2K	5%	1/4W F
R157	1-249-421-11	CARBON	2.2K	5%	1/4W F
R160	1-249-429-11	CARBON	10K	5%	1/4W
R161	1-249-437-11	CARBON	47K	5%	1/4W
R162	1-249-433-11	CARBON	22K	5%	1/4W
R165	1-249-429-11	CARBON	10K	5%	1/4W
R167	1-247-772-00	CARBON	3.6	5%	1/4W
R168	1-249-429-11	CARBON	10K	5%	1/4W
R171	1-249-429-11	CARBON	10K	5%	1/4W
R190	1-249-429-11	CARBON	10K	5%	1/4W
R1101	1-249-393-11	CARBON	10	5%	1/4W F
R1106	1-249-429-11	CARBON	10K	5%	1/4W
R1107	1-249-429-11	CARBON	10K	5%	1/4W
R1108	1-249-425-11	CARBON	4.7K	5%	1/4W F
RR10	1-247-843-11	CARBON	3.3K	5%	1/4W
RR11	1-249-409-11	CARBON	220	5%	1/4W F
RR12	1-249-411-11	CARBON	330	5%	1/4W
RR13	1-249-413-11	CARBON	470	5%	1/4W F
RR14	1-249-415-11	CARBON	680	5%	1/4W F
RR15	1-249-417-11	CARBON	1K	5%	1/4W F
RR16	1-249-419-11	CARBON	1.5K	5%	1/4W F
RR17	1-249-421-11	CARBON	2.2K	5%	1/4W F
RR18	1-249-425-11	CARBON	4.7K	5%	1/4W F
RR19	1-249-429-11	CARBON	10K	5%	1/4W
RR101	1-249-437-11	CARBON	47K	5%	1/4W
RR102	1-249-437-11	CARBON	47K	5%	1/4W
RR103	1-249-437-11	CARBON	47K	5%	1/4W
RR104	1-249-437-11	CARBON	47K	5%	1/4W
RR105	1-249-437-11	CARBON	47K	5%	1/4W
RR106	1-249-437-11	CARBON	47K	5%	1/4W
RR107	1-249-437-11	CARBON	47K	5%	1/4W
RR108	1-249-437-11	CARBON	47K	5%	1/4W
RR109	1-249-437-11	CARBON	47K	5%	1/4W
RR110	1-249-437-11	CARBON	47K	5%	1/4W
RR111	1-249-437-11	CARBON	47K	5%	1/4W
RR112	1-249-437-11	CARBON	47K	5%	1/4W
RR113	1-249-437-11	CARBON	47K	5%	1/4W
RR114	1-249-437-11	CARBON	47K	5%	1/4W
RR115	1-249-437-11	CARBON	47K	5%	1/4W
RR116	1-249-437-11	CARBON	47K	5%	1/4W
RR117	1-249-437-11	CARBON	47K	5%	1/4W
RR118	1-249-437-11	CARBON	47K	5%	1/4W
RR119	1-249-437-11	CARBON	47K	5%	1/4W
RR120	1-249-437-11	CARBON	47K	5%	1/4W
RR121	1-249-437-11	CARBON	47K	5%	1/4W
RR122	1-249-437-11	CARBON	47K	5%	1/4W
RR123	1-249-437-11	CARBON	47K	5%	1/4W
RR124	1-249-437-11	CARBON	47K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
RR125	1-249-437-11	CARBON	47K	5%	1/4W
RR126	1-249-437-11	CARBON	47K	5%	1/4W
RR127	1-249-437-11	CARBON	47K	5%	1/4W
RR128	1-249-437-11	CARBON	47K	5%	1/4W
RR129	1-249-437-11	CARBON	47K	5%	1/4W
RR130	1-249-409-11	CARBON	220	5%	1/4W F
RR139	1-249-409-11	CARBON	220	5%	1/4W F
RR140	1-249-411-11	CARBON	330	5%	1/4W
RR149	1-249-409-11	CARBON	220	5%	1/4W F
RR150	1-249-411-11	CARBON	330	5%	1/4W
RR158	1-249-409-11	CARBON	220	5%	1/4W F
RR159	1-249-411-11	CARBON	330	5%	1/4W
RR160	1-249-413-11	CARBON	470	5%	1/4W F
RR161	1-249-415-11	CARBON	680	5%	1/4W F
RR162	1-249-417-11	CARBON	1K	5%	1/4W F
RR163	1-249-419-11	CARBON	1.5K	5%	1/4W F
RR164	1-249-421-11	CARBON	2.2K	5%	1/4W F
RR165	1-249-425-11	CARBON	4.7K	5%	1/4W F
RR166	1-249-429-11	CARBON	10K	5%	1/4W
RR167	1-249-435-11	CARBON	33K	5%	1/4W

< SWITCH >

S101	1-762-751-11	SWITCH, TACTILE (UP)
S112	1-762-751-11	SWITCH, TACTILE (DOWN)
S113	1-762-751-11	SWITCH, TACTILE (DISPLAY)
S123	1-762-751-11	SWITCH, TACTILE (LEFT)
S124	1-762-751-11	SWITCH, TACTILE (RIGHT)
S134	1-762-751-11	SWITCH, TACTILE (MUTING)
S135	1-762-751-11	SWITCH, TACTILE (SLEEP)
S136	1-762-751-11	SWITCH, TACTILE (FM MODE)
S137	1-762-751-11	SWITCH, TACTILE (FM/AM)
S138	1-762-751-11	SWITCH, TACTILE (TUNING +)
S139	1-762-751-11	SWITCH, TACTILE (TUNING –)
S140	1-762-751-11	SWITCH, TACTILE (PRESET +)
S141	1-762-751-11	SWITCH, TACTILE (PRESET –)
S142	1-762-751-11	SWITCH, TACTILE (MEMORY)
S151	1-762-751-11	SWITCH, TACTILE (**I**/⏻)

< VIBRATOR >

X101	1-577-101-11	VIBRATOR, CERAMIC,4.19MHz
X102	1-767-938-21	VIBRATOR, CERAMIC,7.28MHz

****

*	1-669-443-11	H.P BOARD
		*********

< CONNECTOR >

* CNE751	1-564-519-11	PLUG, CONNECTOR 4P

< JACK >

J701	1-568-519-41	JACK, LARGE TYPE (PHONES)

****

*	A-4407-578-A	INPUT BOARD, COMPLETE (DE625)
		**********
*	A-4407-583-A	INPUT BOARD, COMPLETE (V616)
		**********
	7-685-872-09	SCREW +BVTT 3 × 8 (S)

Ref. No.	Part No.	Description			Remarks
		< CAPACITOR >			
C001	1-126-964-11	ELECT	10uF	20%	50V
C002	1-162-282-31	CERAMIC	100PF	10%	50V
C003	1-102-233-00	CERAMIC	33PF	10%	500V
C004	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C005	1-104-665-11	ELECT	100uF	20%	10V
C006	1-162-282-31	CERAMIC	100PF	10%	50V
C050	1-104-665-11	ELECT	100uF	20%	10V
C051	1-126-964-11	ELECT	10uF	20%	50V
C052	1-162-282-31	CERAMIC	100PF	10%	50V
C053	1-102-233-00	CERAMIC	33PF	10%	500V
C054	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C056	1-162-282-31	CERAMIC	100PF	10%	50V
C100	1-126-948-11	ELECT	100uF	20%	35V
C303	1-162-294-31	CERAMIC	0.001uF	10%	50V
C306	1-126-961-11	ELECT	2.2uF	20%	50V
C307	1-126-961-11	ELECT	2.2uF	20%	50V
C308	1-126-934-11	ELECT	220uF	20%	10V
C309	1-126-934-11	ELECT	220uF	20%	10V
C310	1-125-896-91	MYLAR	0.0091uF	5%	50V
C311	1-125-896-91	MYLAR	0.0091uF	5%	50V
C312	1-136-159-00	FILM	0.033uF	5%	50V
C313	1-136-159-00	FILM	0.033uF	5%	50V
C314	1-126-961-11	ELECT	2.2uF	20%	50V
C315	1-126-961-11	ELECT	2.2uF	20%	50V
C316	1-126-933-11	ELECT	100uF	20%	16V
C317	1-126-933-11	ELECT	100uF	20%	16V
C318	1-126-967-11	ELECT	47uF	20%	16V
C319	1-126-967-11	ELECT	47uF	20%	16V
C320	1-126-965-11	ELECT	22uF	20%	50V
C322	1-162-294-31	CERAMIC	0.001uF	10%	50V
C323	1-162-282-31	CERAMIC	100PF	10%	50V
C332	1-164-159-11	CERAMIC	0.1uF		50V
C333	1-164-159-11	CERAMIC	0.1uF		50V
C334	1-164-159-11	CERAMIC	0.1uF		50V
C335	1-164-159-11	CERAMIC	0.1uF		50V
C336	1-164-159-11	CERAMIC	0.1uF		50V
C337	1-164-159-11	CERAMIC	0.1uF		50V
C343	1-126-964-11	ELECT	10uF	20%	50V
C344	1-102-508-91	CERAMIC	10PF	0.5PF	50V
C345	1-162-199-31	CERAMIC	10PF	5%	50V
C346	1-162-199-31	CERAMIC	10PF	5%	50V
C349	1-162-199-31	CERAMIC	10PF	5%	50V
C350	1-102-508-91	CERAMIC	10PF	0.5PF	50V
C351	1-126-964-11	ELECT	10uF	20%	50V
C352	1-126-965-11	ELECT	22uF	20%	50V
C353	1-162-294-31	CERAMIC	0.001uF	10%	50V
C370	1-126-965-11	ELECT	22uF	20%	50V
C371	1-126-965-11	ELECT	22uF	20%	50V
C431	1-126-960-11	ELECT	1uF	20%	50V
C433	1-126-960-11	ELECT	1uF	20%	50V
C437	1-126-960-11	ELECT	1uF	20%	50V
C439	1-126-960-11	ELECT	1uF	20%	50V
C443	1-126-960-11	ELECT	1uF	20%	50V
C460	1-164-159-11	CERAMIC	0.1uF		50V
C462	1-126-934-11	ELECT	220uF	20%	16V

Ref. No.	Part No.	Description			Remarks
C463	1-164-159-11	CERAMIC	0.1uF		50V
C464	1-126-934-11	ELECT	220uF	20%	16V
C490	1-126-963-11	ELECT	4.7uF	20%	50V
C508	1-136-495-11	FILM	0.068uF	5%	50V
C509	1-136-153-00	FILM	0.01uF	5%	50V
C510	1-110-335-11	MYLAR	100PF	5%	50V
C511	1-130-476-00	MYLAR	0.0027uF	5%	50V
C512	1-136-157-00	FILM	0.022uF	5%	50V
C513	1-136-171-00	FILM	0.33uF	5%	50V
C514	1-136-159-00	FILM	0.033uF	5%	50V
C558	1-136-495-11	FILM	0.068uF	5%	50V
C559	1-136-153-00	FILM	0.01uF	5%	50V
C560	1-110-335-11	MYLAR	100PF	5%	50V
C561	1-130-476-00	MYLAR	0.0027uF	5%	50V
C562	1-136-157-00	FILM	0.022uF	5%	50V
C563	1-136-171-00	FILM	0.33uF	5%	50V
C564	1-136-159-00	FILM	0.033uF	5%	50V
C594	1-128-560-11	ELECT	22uF	20%	100V
C595	1-128-560-11	ELECT	22uF	20%	100V
C596	1-164-159-11	CERAMIC	0.1uF		50V
C597	1-162-282-31	CERAMIC	100PF	10%	50V
C598	1-126-967-11	ELECT	47uF	20%	16V
C599	1-126-967-11	ELECT	47uF	20%	16V
C601	1-126-964-11	ELECT	10uF	20%	50V
C602	1-162-282-31	CERAMIC	100PF	10%	50V
C603	1-102-233-00	CERAMIC	33PF	10%	500V
C604	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C605	1-104-665-11	ELECT	100uF	20%	10V
C606	1-162-282-31	CERAMIC	100PF	10%	50V
C607	1-126-966-11	ELECT	33uF	20%	50V
C610	1-162-282-31	CERAMIC	100PF	10%	50V
C651	1-126-964-11	ELECT	10uF	20%	50V
C652	1-162-282-31	CERAMIC	100PF	10%	50V
C653	1-102-233-00	CERAMIC	33PF	10%	500V
C654	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C655	1-104-665-11	ELECT	100uF	20%	10V
C656	1-162-282-31	CERAMIC	100PF	10%	50V
C657	1-126-966-11	ELECT	33uF	20%	50V
C693	1-126-934-11	ELECT	220uF	20%	10V
C701	1-126-964-11	ELECT	10uF	20%	50V
C702	1-162-282-31	CERAMIC	100PF	10%	50V
C703	1-102-233-00	CERAMIC	33PF	10%	500V
C704	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C705	1-104-665-11	ELECT	100uF	20%	10V
C706	1-162-282-31	CERAMIC	100PF	10%	50V
C710	1-162-282-31	CERAMIC	100PF	10%	50V
C751	1-126-964-11	ELECT	10uF	20%	50V
C752	1-162-282-31	CERAMIC	100PF	10%	50V
C753	1-102-233-00	CERAMIC	33PF	10%	500V
C754	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C755	1-104-665-11	ELECT	100uF	20%	10V
C756	1-162-282-31	CERAMIC	100PF	10%	50V
C807	1-126-934-11	ELECT	220uF	20%	16V
C808	1-126-934-11	ELECT	220uF	20%	16V
C809	1-126-948-11	ELECT	100uF	20%	35V

INPUT

Ref. No.	Part No.	Description			Remarks
C5001	1-126-965-11	ELECT	22uF	20%	50V
C5051	1-126-965-11	ELECT	22uF	20%	50V
CC01	1-162-282-31	CERAMIC	100PF	10%	50V
CC02	1-162-286-31	CERAMIC	220PF	10%	50V
CC04	1-162-282-31	CERAMIC	100PF	10%	50V
CC05	1-162-282-31	CERAMIC	100PF	10%	50V
CC06	1-162-282-31	CERAMIC	100PF	10%	50V
CC51	1-162-282-31	CERAMIC	100PF	10%	50V
CC52	1-162-286-31	CERAMIC	220PF	10%	50V
CC54	1-162-282-31	CERAMIC	100PF	10%	50V
CC55	1-162-282-31	CERAMIC	100PF	10%	50V
CC56	1-162-282-31	CERAMIC	100PF	10%	50V
		< CONNECTOR >			
* CND201	1-564-339-00	PIN, CONNECTOR 5P			
CNE202	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNE203	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNE208	1-691-768-11	PLUG (MICRO CONNECTOR) 6P			
CNE209	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNS201	1-569-060-11	SOCKET, CONNECTOR 11P			
CNS202	1-568-442-11	SOCKET, CONNECTOR 9P			
CNS203	1-569-321-11	SOCKET, CONNECTOR 15P			
CNS204	1-568-443-11	SOCKET, CONNECTOR 13P			
CNS205	1-569-323-11	SOCKET, CONNECTOR 19P			
CNS206	1-569-060-11	SOCKET, CONNECTOR 11P			
CNS207	1-784-806-11	HOUSING,CONNECTOR(PC BOARD)13P			
		< DIODE >			
D301	8-719-911-19	DIODE 1SS119			
D302	8-719-911-19	DIODE 1SS119			
D401	8-719-911-19	DIODE 1SS119			
D402	8-719-911-19	DIODE 1SS119			
		< EARTH >			
* EB301	1-537-738-21	TERMINAL, EARTH			
		< IC >			
IC001	8-759-326-52	IC uPC2581V			
IC301	8-759-634-51	IC M5218AP			
IC302	8-759-805-14	IC LC7822			
IC303	8-759-636-74	IC M5218AP-22			
IC304	8-759-634-51	IC M5218AP			
IC305	8-759-634-51	IC M5218AP			
IC306	8-759-634-51	IC M5218AP			
IC450	8-759-604-35	IC M5F78M05L			
IC451	8-759-391-87	IC BA78M12P			
IC502	8-759-462-99	IC TC9184P			
IC601	8-759-326-52	IC uPC2581V			
IC701	8-759-326-52	IC uPC2581V			
IC801	8-759-604-40	IC M5F78M15			
IC803	8-759-604-46	IC M5F79M15			
		< JACK >			
J201	1-695-188-31	JACK, PIN 4P (CD/PHONO)			
J202	1-573-028-31	JACK, PIN 4P (TAPE/MD)			
J203	1-785-009-11	JACK, PIN 6P (5.1/DVD INPUT)			

Ref. No.	Part No.	Description			Remarks
		< TRANSISTOR >			
Q300	8-729-922-37	TRANSISTOR 2SD2144S			
Q301	8-729-922-37	TRANSISTOR 2SD2144S			
Q302	8-729-922-37	TRANSISTOR 2SD2144S			
Q303	8-729-922-37	TRANSISTOR 2SD2144S			
Q304	8-729-922-37	TRANSISTOR 2SD2144S			
Q305	8-729-922-37	TRANSISTOR 2SD2144S			
Q307	8-729-620-05	TRANSISTOR 2SC2603-EF			
Q411	8-729-900-63	TRANSISTOR DTA124ES			
Q414	8-729-900-63	TRANSISTOR DTA124ES			
Q501	8-729-202-67	TRANSISTOR 2SK246-GR3			
Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q551	8-729-202-67	TRANSISTOR 2SK246-GR3			
Q552	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q691	8-729-900-80	TRANSISTOR DTC114ES			
Q692	8-729-422-57	TRANSISTOR UN4111			
Q3008	8-729-620-05	TRANSISTOR 2SC2603-EF			
		< RESISTOR >			
R001	1-249-417-11	CARBON	1K	5%	1/4W F
R002	1-249-439-11	CARBON	68K	5%	1/4W
R003	1-249-439-11	CARBON	68K	5%	1/4W
R004	1-249-411-11	CARBON	330	5%	1/4W
R051	1-249-417-11	CARBON	1K	5%	1/4W F
R052	1-249-439-11	CARBON	68K	5%	1/4W
R053	1-249-433-11	CARBON	22K	5%	1/4W
R054	1-249-417-11	CARBON	1K	5%	1/4W F
R055	1-249-409-11	CARBON	220	5%	1/4W F
R056	1-249-409-11	CARBON	220	5%	1/4W F
R090	1-249-433-11	CARBON	22K	5%	1/4W
R301	1-249-413-11	CARBON	470	5%	1/4W F
R326	1-249-417-11	CARBON	1K	5%	1/4W F
R327	1-249-417-11	CARBON	1K	5%	1/4W F
R330	1-249-417-11	CARBON	1K	5%	1/4W F
R331	1-249-417-11	CARBON	1K	5%	1/4W F
R334	1-249-417-11	CARBON	1K	5%	1/4W F
R335	1-249-417-11	CARBON	1K	5%	1/4W F
R336	1-249-401-11	CARBON	47	5%	1/4W F
R337	1-249-401-11	CARBON	47	5%	1/4W F
R338	1-249-441-11	CARBON	100K	5%	1/4W
R339	1-249-441-11	CARBON	100K	5%	1/4W
R341	1-249-440-11	CARBON	82K	5%	1/4W
R342	1-249-440-11	CARBON	82K	5%	1/4W
R343	1-249-408-11	CARBON	180	5%	1/4W F
R344	1-249-408-11	CARBON	180	5%	1/4W F
R345	1-249-428-11	CARBON	8.2K	5%	1/4W F
R346	1-249-428-11	CARBON	8.2K	5%	1/4W F
R347	1-249-441-11	CARBON	100K	5%	1/4W
R348	1-249-441-11	CARBON	100K	5%	1/4W
R349	1-247-807-31	CARBON	100	5%	1/4W
R350	1-247-807-31	CARBON	100	5%	1/4W
R351	1-249-413-11	CARBON	470	5%	1/4W F
R352	1-249-441-11	CARBON	100K	5%	1/4W
R353	1-249-441-11	CARBON	100K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R356	1-249-425-11	CARBON	4.7K	5%	1/4W F
R357	1-247-807-31	CARBON	100	5%	1/4W
R358	1-247-807-31	CARBON	100	5%	1/4W
R359	1-249-417-11	CARBON	1K	5%	1/4W F
R360	1-249-441-11	CARBON	100K	5%	1/4W
R361	1-249-441-11	CARBON	100K	5%	1/4W
R362	1-249-417-11	CARBON	1K	5%	1/4W F
R363	1-249-417-11	CARBON	1K	5%	1/4W F
R364	1-249-429-11	CARBON	10K	5%	1/4W
R365	1-249-429-11	CARBON	10K	5%	1/4W
R366	1-249-429-11	CARBON	10K	5%	1/4W
R367	1-249-417-11	CARBON	1K	5%	1/4W F
R368	1-249-441-11	CARBON	100K	5%	1/4W
R369	1-249-441-11	CARBON	100K	5%	1/4W
R370	1-249-441-11	CARBON	100K	5%	1/4W
R371	1-249-441-11	CARBON	100K	5%	1/4W
R372	1-249-441-11	CARBON	100K	5%	1/4W
R373	1-249-441-11	CARBON	100K	5%	1/4W
R374	1-249-417-11	CARBON	1K	5%	1/4W F
R375	1-249-417-11	CARBON	1K	5%	1/4W F
R376	1-249-417-11	CARBON	1K	5%	1/4W F
R377	1-249-417-11	CARBON	1K	5%	1/4W F
R378	1-249-417-11	CARBON	1K	5%	1/4W F
R379	1-249-417-11	CARBON	1K	5%	1/4W F
R380	1-249-419-11	CARBON	1.5K	5%	1/4W F
R381	1-249-419-11	CARBON	1.5K	5%	1/4W F
R382	1-249-419-11	CARBON	1.5K	5%	1/4W F
R383	1-249-419-11	CARBON	1.5K	5%	1/4W F
R384	1-249-419-11	CARBON	1.5K	5%	1/4W F
R385	1-249-419-11	CARBON	1.5K	5%	1/4W F
R386	1-249-441-11	CARBON	100K	5%	1/4W
R387	1-249-440-11	CARBON	82K	5%	1/4W
R388	1-249-425-11	CARBON	4.7K	5%	1/4W F
R389	1-249-425-11	CARBON	4.7K	5%	1/4W F
R390	1-249-441-11	CARBON	100K	5%	1/4W
R391	1-249-429-11	CARBON	10K	5%	1/4W
R392	1-249-425-11	CARBON	4.7K	5%	1/4W F
R393	1-249-425-11	CARBON	4.7K	5%	1/4W F
R394	1-249-441-11	CARBON	100K	5%	1/4W
R395	1-249-429-11	CARBON	10K	5%	1/4W
R396	1-249-433-11	CARBON	22K	5%	1/4W
R397	1-249-433-11	CARBON	22K	5%	1/4W
R398	1-247-895-00	CARBON	470K	5%	1/4W
R399	1-249-441-11	CARBON	100K	5%	1/4W
R461	1-249-436-11	CARBON	39K	5%	1/4W
R462	1-249-436-11	CARBON	39K	5%	1/4W
R483	1-249-429-11	CARBON	10K	5%	1/4W
R486	1-249-428-11	CARBON	8.2K	5%	1/4W F
R489	1-249-437-11	CARBON	47K	5%	1/4W
R508	1-249-441-11	CARBON	100K	5%	1/4W
R509	1-247-903-00	CARBON	1M	5%	1/4W
R510	1-249-426-11	CARBON	5.6K	5%	1/4W
R511	1-249-434-11	CARBON	27K	5%	1/4W
R513	1-249-426-11	CARBON	5.6K	5%	1/4W
R514	1-249-418-11	CARBON	1.2K	5%	1/4W F

Ref. No.	Part No.	Description			Remarks
R515	1-249-441-11	CARBON	100K	5%	1/4W
R516	1-247-843-11	CARBON	3.3K	5%	1/4W
R517	1-247-883-00	CARBON	150K	5%	1/4W
R518	1-249-427-11	CARBON	6.8K	5%	1/4W F
R519	1-249-413-11	CARBON	470	5%	1/4W F
R558	1-249-441-11	CARBON	100K	5%	1/4W
R559	1-247-903-00	CARBON	1M	5%	1/4W
R560	1-249-426-11	CARBON	5.6K	5%	1/4W
R561	1-249-434-11	CARBON	27K	5%	1/4W
R563	1-249-426-11	CARBON	5.6K	5%	1/4W
R564	1-249-418-11	CARBON	1.2K	5%	1/4W F
R565	1-249-441-11	CARBON	100K	5%	1/4W
R566	1-247-843-11	CARBON	3.3K	5%	1/4W
R567	1-247-883-00	CARBON	150K	5%	1/4W
R568	1-249-427-11	CARBON	6.8K	5%	1/4W F
R569	1-249-413-11	CARBON	470	5%	1/4W F
⚠R592	1-249-381-11	CARBON	1	5%	1/4W F
⚠R593	1-249-381-11	CARBON	1	5%	1/4W F
R595	1-247-903-00	CARBON	1M	5%	1/4W
R596	1-249-421-11	CARBON	2.2K	5%	1/4W F
R597	1-247-843-11	CARBON	3.3K	5%	1/4W
R598	1-249-421-11	CARBON	2.2K	5%	1/4W F
R599	1-247-843-11	CARBON	3.3K	5%	1/4W
R601	1-249-417-11	CARBON	1K	5%	1/4W F
R602	1-249-439-11	CARBON	68K	5%	1/4W
R603	1-249-439-11	CARBON	68K	5%	1/4W
R604	1-249-418-11	CARBON	1.2K	5%	1/4W F
R608	1-249-429-11	CARBON	10K	5%	1/4W
R609	1-249-434-11	CARBON	27K	5%	1/4W
R651	1-249-417-11	CARBON	1K	5%	1/4W F
R652	1-249-439-11	CARBON	68K	5%	1/4W
R653	1-249-439-11	CARBON	68K	5%	1/4W
R654	1-249-418-11	CARBON	1.2K	5%	1/4W F
R658	1-249-429-11	CARBON	10K	5%	1/4W
R659	1-249-434-11	CARBON	27K	5%	1/4W
R690	1-249-433-11	CARBON	22K	5%	1/4W
R694	1-249-425-11	CARBON	4.7K	5%	1/4W F
R699	1-249-425-11	CARBON	4.7K	5%	1/4w F
R701	1-249-417-11	CARBON	1K	5%	1/4W F
R702	1-249-439-11	CARBON	68K	5%	1/4W
R703	1-249-439-11	CARBON	68K	5%	1/4W
R704	1-249-411-11	CARBON	330	5%	1/4W
R751	1-249-417-11	CARBON	1K	5%	1/4W F
R752	1-249-439-11	CARBON	68K	5%	1/4W
R753	1-249-439-11	CARBON	68K	5%	1/4W
R754	1-249-411-11	CARBON	330	5%	1/4W
R790	1-249-433-11	CARBON	22K	5%	1/4W
R3000	1-247-895-00	CARBON	470K	5%	1/4W
R3001	1-249-433-11	CARBON	22K	5%	1/4W
R3002	1-249-441-11	CARBON	100K	5%	1/4W
R3003	1-249-429-11	CARBON	10K	5%	1/4W
R3004	1-249-425-11	CARBON	4.7K	5%	1/4W F
R3004	1-249-429-11	CARBON	10K	5%	1/4W
R3005	1-249-440-11	CARBON	82K	5%	1/4W
R3006	1-249-425-11	CARBON	4.7K	5%	1/4W F

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INPUT REARAMP S (LINK)

Ref. No.	Part No.	Description			Remarks
R3007	1-249-441-11	CARBON	100K	5%	1/4W
R3008	1-249-425-11	CARBON	4.7K	5%	1/4W F
R3009	1-249-441-11	CARBON	100K	5%	1/4W
R3010	1-249-434-11	CARBON	27K	5%	1/4W
R3011	1-249-413-11	CARBON	470	5%	1/4W F
R3012	1-249-429-11	CARBON	10K	5%	1/4W
R3013	1-249-429-11	CARBON	10K	5%	1/4W
R3014	1-249-427-11	CARBON	6.8K	5%	1/4W F
R3060	1-249-434-11	CARBON	27K	5%	1/4W
R3062	1-249-429-11	CARBON	10K	5%	1/4W
R3063	1-249-429-11	CARBON	10K	5%	1/4W
R3368	1-249-441-11	CARBON	100K	5%	1/4W
R5002	1-249-429-11	CARBON	10K	5%	1/4W
R5052	1-249-429-11	CARBON	10K	5%	1/4W
		< RELAY >			
RY301	1-515-614-11	RELAY			
**********					
*	A-4407-590-A	REARAMP BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C720	1-126-967-11	ELECT	47uF	20%	16V
C721	1-107-597-11	CERAMIC	22PF	10%	500V
C722	1-107-597-11	CERAMIC	22PF	10%	500V
C723	1-162-286-31	CERAMIC	220PF	10%	50V
C725	1-136-157-00	FILM	0.022uF	5%	50V
C770	1-126-967-11	ELECT	47uF	20%	16V
C771	1-107-597-11	CERAMIC	22PF	10%	500V
C772	1-107-597-11	CERAMIC	22PF	10%	500V
C773	1-162-286-31	CERAMIC	220PF	10%	50V
C775	1-136-157-00	FILM	0.022uF	5%	50V
		< CONNECTOR >			
CNE711	1-691-768-11	PLUG (MICRO CONNECTOR) 6P			
CNE713	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
* CNV711	1-564-241-11	PIN, CONNECTOR (B4P-VH) 4P			
* CNV712	1-564-242-00	PIN, CONNECTOR 5P			
		< DIODE >			
D701	8-719-911-19	DIODE 1SS119			
D702	8-719-109-51	DIODE RD2.0ES-B2			
D703	8-719-109-51	DIODE RD2.0ES-B2			
D704	8-719-911-19	DIODE 1SS119			
D751	8-719-911-19	DIODE 1SS119			
D752	8-719-109-51	DIODE RD2.0ES-B2			
D753	8-719-109-51	DIODE RD2.0ES-B2			
D754	8-719-911-19	DIODE 1SS119			
		< TRANSISTOR >			
Q704	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q705	8-729-209-15	TRANSISTOR 2SD2012			
Q706	8-749-010-25	IC MN2488-OPY-M			
Q707	8-749-010-26	IC MP1620-OPY-M			
Q708	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q754	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q755	8-729-209-15	TRANSISTOR 2SD2012			
Q756	8-749-010-25	IC MN2488-OPY-M			
Q757	8-749-010-26	IC MP1620-OPY-M			
Q758	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R706	1-247-881-00	CARBON	120K	5%	1/4W
R722	1-247-840-00	CARBON	2.4K	5%	1/4W
R723	1-249-414-11	CARBON	560	5%	1/4W F
⚠R724	1-249-408-11	CARBON	180	5%	1/4W F
⚠R725	1-249-408-11	CARBON	180	5%	1/4W F
⚠R726	1-233-352-41	ENCAPSULATED COMPONENT			
R727	1-247-850-11	CARBON	6.2K	5%	1/4W
R728	1-249-419-11	CARBON	1.5K	5%	1/4W F
R732	1-249-437-11	CARBON	47K	5%	1/4W
R733	1-249-393-11	CARBON	10	5%	1/4W F
R756	1-247-881-00	CARBON	120K	5%	1/4W
R772	1-247-840-00	CARBON	2.4K	5%	1/4W
R773	1-249-414-11	CARBON	560	5%	1/4W F
⚠R774	1-249-408-11	CARBON	180	5%	1/4W F
⚠R775	1-249-408-11	CARBON	180	5%	1/4W F
⚠R776	1-233-352-41	ENCAPSULATED COMPONENT			
R777	1-247-850-11	CARBON	6.2K	5%	1/4W
R778	1-249-419-11	CARBON	1.5K	5%	1/4W F
R782	1-249-437-11	CARBON	47K	5%	1/4W
R783	1-249-393-11	CARBON	10	5%	1/4W F
**********					
*	1-669-434-11	(S) LINK BOARD (DE625)			
		**********			
		< CAPACITOR >			
C1101	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1102	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1103	1-126-964-11	ELECT	10uF	20%	50V
C1104	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1105	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1106	1-126-964-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
CNS110	1-568-439-11	SOCKET, CONNECTOR 7P			
		< IC >			
IC1101	8-759-912-77	IC LM324N			
IC1102	8-759-388-26	IC NJM2129D			
		< JACK >			
J1102	1-563-330-11	JACK (CTRL S)			
J1103	1-563-330-11	JACK (VIDEO 2)			
J1104	1-563-330-11	JACK (VIDEO 1)			
J1105	1-563-330-11	JACK (MONITOR)			
		< TRANSISTOR >			
Q1102	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q1103	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q1104	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q1105	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q1106	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q1107	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q1108	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q1109	8-729-119-76	TRANSISTOR 2SA1175-HFE			

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Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R1102	1-249-417-11	CARBON	1K	5%	1/4W F
R1103	1-247-843-11	CARBON	3.3K	5%	1/4W
R1104	1-247-843-11	CARBON	3.3K	5%	1/4W
R1105	1-249-417-11	CARBON	1K	5%	1/4W F
R1109	1-249-417-11	CARBON	1K	5%	1/4W F
R1110	1-249-417-11	CARBON	1K	5%	1/4W F
R1111	1-249-417-11	CARBON	1K	5%	1/4W F
R1112	1-249-417-11	CARBON	1K	5%	1/4W F
R1113	1-249-414-11	CARBON	560	5%	1/4W F
R1114	1-249-414-11	CARBON	560	5%	1/4W F
R1115	1-249-413-11	CARBON	470	5%	1/4W F
R1116	1-249-413-11	CARBON	470	5%	1/4W F
R1117	1-249-429-11	CARBON	10K	5%	1/4W
R1118	1-249-429-11	CARBON	10K	5%	1/4W
R1119	1-249-417-11	CARBON	1K	5%	1/4W F
R1120	1-249-427-11	CARBON	6.8K	5%	1/4W F
R1121	1-249-433-11	CARBON	22K	5%	1/4W
R1122	1-249-437-11	CARBON	47K	5%	1/4W
**********					
*	A-4407-581-A	S VIDEO BOARD, COMPLETE (V616)			
		**********			
		< CAPACITOR >			
C251	1-126-960-11	ELECT	1uF	20%	50V
C252	1-136-165-00	FILM	0.1uF	5%	50V
C253	1-126-960-11	ELECT	1uF	20%	50V
C254	1-136-165-00	FILM	0.1uF	5%	50V
C255	1-136-165-00	FILM	0.1uF	5%	50V
C256	1-126-960-11	ELECT	1uF	20%	50V
C259	1-126-960-11	ELECT	1uF	20%	50V
C260	1-136-165-00	FILM	0.1uF	5%	50V
C261	1-126-967-11	ELECT	47uF	20%	16V
C262	1-164-159-11	CERAMIC	0.1uF		50V
C263	1-164-159-11	CERAMIC	0.1uF		50V
C264	1-126-967-11	ELECT	47uF	20%	16V
C265	1-164-159-11	CERAMIC	0.1uF		50V
C266	1-164-159-11	CERAMIC	0.1uF		50V
C267	1-162-215-31	CERAMIC	47PF	5%	50V
C268	1-162-215-31	CERAMIC	47PF	5%	50V
C269	1-162-215-31	CERAMIC	47PF	5%	50V
C270	1-162-215-31	CERAMIC	47PF	5%	50V
		< CONNECTOR >			
CNE214	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNS211	1-568-439-11	SOCKET, CONNECTOR 7P			
		< DIODE >			
D251	8-719-911-19	DIODE 1SS119			
D252	8-719-911-19	DIODE 1SS119			
		< IC >			
IC251	8-759-529-20	IC NJM2296D			
IC252	8-759-529-20	IC NJM2296D			
		< JACK >			
J251	1-537-943-11	TERMINAL, S (MONITOR)			
J252	1-764-676-11	CONNECTOR (ROUND TYPE)(VIDEO 1)			
J253	1-537-943-11	TERMINAL, S (TV/LD/DVD)			

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R251	1-249-403-11	CARBON	68	5%	1/4W F
R252	1-249-429-11	CARBON	10K	5%	1/4W
R253	1-249-403-11	CARBON	68	5%	1/4W F
R254	1-249-403-11	CARBON	68	5%	1/4W F
R255	1-249-403-11	CARBON	68	5%	1/4W F
R256	1-249-429-11	CARBON	10K	5%	1/4W
R257	1-249-403-11	CARBON	68	5%	1/4W F
R258	1-249-403-11	CARBON	68	5%	1/4W F
R260	1-249-403-11	CARBON	68	5%	1/4W F
R261	1-249-403-11	CARBON	68	5%	1/4W F
**********					
*	1-669-428-11	SP BOARD (DE625)			
		**********			
*	1-670-651-11	SP BOARD (V616)			
		**********			
		< CAPACITOR >			
C624	1-126-964-11	ELECT	10uF	20%	50V
C626	1-136-153-00	FILM	0.01uF	5%	50V
C724	1-126-964-11	ELECT	10uF	20%	50V
C726	1-136-153-00	FILM	0.01uF	5%	50V
C794	1-126-968-11	ELECT	100uF	20%	50V
C795	1-126-951-11	ELECT	470uF	20%	35V
		< CONNECTOR >			
* CND602	1-564-337-00	PIN, CONNECTOR 3P			
CNE604	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNJ701	1-774-136-11	CONNECTOR, ROUND TYPE 6P			
CNS603	1-568-439-11	SOCKET, CONNECTOR 7P			
CNV601	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P			
		< DIODE >			
D543	8-719-911-19	DIODE 1SS119			
D605	8-719-911-19	DIODE 1SS119			
D606	8-719-911-19	DIODE 1SS119			
D607	8-719-911-19	DIODE 1SS119			
D649	8-719-911-19	DIODE 1SS119			
D705	8-719-911-19	DIODE 1SS119			
D706	8-719-911-19	DIODE 1SS119			
D749	8-719-911-19	DIODE 1SS119			
		< IC >			
IC702	8-759-605-01	IC M5F78M18L			
		< JACK >			
J501	1-770-157-21	JACK, PIN 2P (WOOFER)			
		< COIL >			
L601	1-420-872-00	COIL, AIR-CORE (DE625)			
L601	1-411-906-11	COIL, AIR-CORE (V616)			
L701	1-420-872-00	COIL, AIR-CORE (DE625)			
L701	1-411-906-11	COIL, AIR-CORE (V616)			
L751	1-420-872-00	COIL, AIR-CORE (DE625)			
L751	1-411-906-11	COIL, AIR-CORE (V616)			

SP **SP SW** **STANDBY**

Ref. No.	Part No.	Description				Remarks
		< TRANSISTOR >				
Q544	8-729-119-79	TRANSISTOR 2SC2785-FEK				
Q609	8-729-281-53	TRANSISTOR 2SC1815-GR				
Q610	8-729-900-63	TRANSISTOR DTA124ES				
Q611	8-729-900-63	TRANSISTOR DTA124ES				
Q645	8-729-119-79	TRANSISTOR 2SC2785-FEK				
Q709	8-729-281-53	TRANSISTOR 2SC1815-GR				
Q710	8-729-900-63	TRANSISTOR DTA124ES				
Q745	8-729-119-79	TRANSISTOR 2SC2785-FEK				
Q747	8-729-119-79	TRANSISTOR 2SC2785-FEK				
Q748	8-729-030-19	TRANSISTOR 2SB1640				
		< RESISTOR >				
R543	1-249-429-11	CARBON	10K	5%	1/4W	
R544	1-249-425-11	CARBON	4.7K	5%	1/4W	F
⚠R545	1-249-393-11	CARBON	10	5%	1/4W	F
R546	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R629	1-247-866-11	CARBON	30K	5%	1/4W	
R630	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R631	1-249-433-11	CARBON	22K	5%	1/4W	
⚠R634	1-249-389-11	CARBON	4.7	5%	1/4W	F
R635	1-249-431-11	CARBON	15K	5%	1/4W	
R636	1-249-433-11	CARBON	22K	5%	1/4W	
R646	1-249-432-11	CARBON	18K	5%	1/4W	
R647	1-249-429-11	CARBON	10K	5%	1/4W	
R648	1-249-425-11	CARBON	4.7K	5%	1/4W	F
⚠R649	1-249-393-11	CARBON	10	5%	1/4W	F
R729	1-247-866-11	CARBON	30K	5%	1/4W	
R730	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R731	1-249-433-11	CARBON	22K	5%	1/4W	
⚠R734	1-249-389-11	CARBON	4.7	5%	1/4W	F
R735	1-249-431-11	CARBON	15K	5%	1/4W	
R737	1-249-429-11	CARBON	10K	5%	1/4W	
R738	1-247-887-00	CARBON	220K	5%	1/4W	
R743	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R744	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R745	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R746	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R747	1-249-429-11	CARBON	10K	5%	1/4W	
R748	1-249-425-11	CARBON	4.7K	5%	1/4W	F
⚠R749	1-249-393-11	CARBON	10	5%	1/4W	F
⚠R784	1-249-389-11	CARBON	4.7	5%	1/4W	F
R787	1-249-429-11	CARBON	10K	5%	1/4W	
R788	1-247-887-00	CARBON	220K	5%	1/4W	
		< RELAY >				
RY503	1-515-793-11	RELAY				
RY601	1-515-920-11	RELAY (24V)				
RY701	1-515-920-11	RELAY (24V)				
		< SWITCH >				
S501	1-692-196-11	SWITCH, SLIDE				
		< TERMINAL >				
TM701	1-537-510-11	TERMINAL BOARD(SURROUND SPEAKER)				(DE625)
TM701	1-694-431-21	TERMINAL BOARD(SURROUND SPEAKER)				(V616)

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Ref. No.	Part No.	Description	Remarks
*	1-669-442-11	SP SW BOARD	
		**********	
		< CONNECTOR >	
* CNS104	1-695-808-11	CONNECTOR, PC BOARD 8P	
		< DIODE >	
D122	8-719-911-19	DIODE 1SS119	
D123	8-719-911-19	DIODE 1SS119	
		< SWITCH >	
S143	1-762-751-11	SWITCH, TACTILE (SET UP)	
S144	1-762-751-11	SWITCH, TACTILE (CURSUR MODE)	
S155	1-762-268-11	SWITCH, ROTARY (SPEAKERS)	

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*	1-669-449-11	STANDBY BOARD	
		**********	
	1-533-217-31	HOLDER, FUSE	
		< JACK >	
⚠CNJ901	1-540-060-11	OUTLET, AC (POLAR) (DE625)	
⚠CNJ901	1-540-041-11	OUTLET, AC (NONPOLAR) (2P) (V616)	
		< CONNECTOR >	
CNV901	1-564-321-00	PIN, CONNECTOR 2P	
* CNV902	1-565-792-11	PIN, CONNECTOR 2P	
		< DIODE >	
D907	8-719-911-19	DIODE 1SS119	
		< EARTH >	
* EB902	1-537-738-21	TERMINAL, EARTH (DE625)	
		< FUSE >	
⚠F901	1-532-504-51	FUSE TIME LAG 4A/250V (V616)	
⚠F901	1-533-311-11	FUSE, GLASS CYLINDRICAL(DIA.5) 8A/125V	
⚠F903	1-532-464-51	FUSE TIME LAG 2.5A/250V (V616)	
		< RESISTOR >	
⚠R901	1-202-725-00	SOLID 3.3M 10% 1/2W (DE625)	
		< RELAY >	
⚠RY901	1-515-999-11	RELAY, POWER	
		< TRANSFORMER >	
⚠T902	1-450-358-11	TRANSFORMER, POWER (V616)	
⚠T902	1-450-361-11	TRANSFORMER, POWER (DE625)	

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Ref. No.	Part No.	Description			Remarks
*	A-4407-589-A	STANDBY (2) BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C901	1-136-157-00	FILM	0.022uF	5%	50V
C902	1-136-157-00	FILM	0.022uF	5%	50V
C903	1-126-768-11	ELECT	2200uF	20%	16V
C904	1-126-960-11	ELECT	1uF	20%	50V
C905	1-126-959-11	ELECT	0.47uF	20%	50V
C906	1-124-464-11	ELECT	0.22uF	20%	50V
C913	1-164-159-11	CERAMIC	0.1uF		50V
C914	1-164-159-11	CERAMIC	0.1uF		50V
C916	1-164-159-11	CERAMIC	0.1uF		50V
C917	1-164-159-11	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CNE905	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
CNE951	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
		< DIODE >			
D901	8-719-200-82	DIODE 11ES2			
D902	8-719-200-82	DIODE 11ES2			
D903	8-719-200-82	DIODE 11ES2			
D904	8-719-200-82	DIODE 11ES2			
D905	8-719-911-19	DIODE 1SS119			
D906	8-719-911-19	DIODE 1SS119			
		< EARTH >			
* EB900	1-537-738-21	TERMINAL, EARTH			
		< IC >			
IC901	8-759-333-83	IC NJM2103D			
		< TRANSISTOR >			
Q901	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q902	8-729-026-68	TRANSISTOR 2SD2525(TP)			
		< RESISTOR >			
R902	1-249-429-11	CARBON	10K	5%	1/4W
R903	1-249-425-11	CARBON	4.7K	5%	1/4W F
R904	1-249-417-11	CARBON	1K	5%	1/4W F
R905	1-249-428-11	CARBON	8.2K	5%	1/4W F
R906	1-249-421-11	CARBON	2.2K	5%	1/4W F
R908	1-249-433-11	CARBON	22K	5%	1/4W
R909	1-249-439-11	CARBON	68K	5%	1/4W
R910	1-249-437-11	CARBON	47K	5%	1/4W
R912	1-249-430-11	CARBON	12K	5%	1/4W
**********					
*	A-4407-575-A	SURR BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C300	1-124-589-11	ELECT	47uF	20%	16V
C301	1-162-282-31	CERAMIC	100PF	10%	50V
C302	1-162-294-31	CERAMIC	0.001uF	10%	50V
C303	1-124-589-11	ELECT	47uF	20%	16V
C355	1-126-925-11	ELECT	470uF	20%	10V

Ref. No.	Part No.	Description			Remarks
C356	1-126-933-11	ELECT	100uF	20%	16V
C357	1-126-514-11	ELECT	22uF	20%	10V
C358	1-126-514-11	ELECT	22uF	20%	10V
C400	1-102-951-00	CERAMIC	15PF	5%	50V
C401	1-136-165-00	FILM	0.1uF	5%	50V
C402	1-102-852-91	CERAMIC	47PF	5%	50V
C403	1-130-469-00	MYLAR	680PF	5%	50V
C404	1-136-157-00	FILM	0.022uF	5%	50V
C405	1-102-973-00	CERAMIC	100PF	5%	50V
C406	1-102-953-00	CERAMIC	18PF	5%	50V
C407	1-136-161-00	FILM	0.047uF	5%	50V
C408	1-126-925-11	ELECT	470uF	20%	10V
C409	1-124-261-00	ELECT	10uF	20%	50V
C410	1-126-925-11	ELECT	470uF	20%	10V
C411	1-124-261-00	ELECT	10uF	20%	50V
C412	1-136-164-00	FILM	0.082uF	5%	50V
C413	1-124-465-00	ELECT	0.47uF	20%	50V
C414	1-124-261-00	ELECT	10uF	20%	50V
C415	1-130-477-00	MYLAR	0.0033uF	5%	50V
C416	1-136-177-00	FILM	1uF	5%	50V
C417	1-162-294-31	CERAMIC	0.001uF	10%	50V
C418	1-124-261-00	ELECT	10uF	20%	50V
C419	1-136-164-00	FILM	0.082uF	5%	50V
C420	1-126-925-11	ELECT	470uF	20%	10V
C421	1-136-177-00	FILM	1uF	5%	50V
C422	1-124-465-00	ELECT	0.47uF	20%	50V
C423	1-126-301-11	ELECT	1uF	20%	50V
C424	1-126-925-11	ELECT	470uF	20%	10V
C425	1-126-301-11	ELECT	1uF	20%	50V
C426	1-124-252-00	ELECT	0.33uF	20%	50V
C427	1-136-177-00	FILM	1uF	5%	50V
C428	1-136-177-00	FILM	1uF	5%	50V
C429	1-128-551-11	ELECT	22uF	20%	35V
C430	1-162-282-31	CERAMIC	100PF	10%	50V
C431	1-164-159-11	CERAMIC	0.1uF		50V
C432	1-124-261-00	ELECT	10uF	20%	50V
C433	1-164-159-11	CERAMIC	0.1uF		50V
C434	1-136-165-00	FILM	0.1uF	5%	50V
C435	1-136-165-00	FILM	0.1uF	5%	50V
C436	1-124-261-00	ELECT	10uF	20%	50V
C437	1-164-159-11	CERAMIC	0.1uF		50V
C438	1-124-261-00	ELECT	10uF	20%	50V
C440	1-136-165-00	FILM	0.1uF	5%	50V
C441	1-136-165-00	FILM	0.1uF	5%	50V
C442	1-124-261-00	ELECT	10uF	20%	50V
C444	1-124-465-00	ELECT	0.47uF	20%	50V
C445	1-124-465-00	ELECT	0.47uF	20%	50V
C446	1-126-163-11	ELECT	4.7uF	20%	50V
C447	1-126-163-11	ELECT	4.7uF	20%	50V
C448	1-124-465-00	ELECT	0.47uF	20%	50V
C449	1-124-465-00	ELECT	0.47uF	20%	50V
C450	1-126-163-11	ELECT	4.7uF	20%	50V
C451	1-126-163-11	ELECT	4.7uF	20%	50V
C452	1-124-250-11	ELECT	0.15uF	20%	50V
C453	1-124-250-11	ELECT	0.15uF	20%	50V

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C454	1-126-162-11	ELECT	3.3uF	20%	50V	
C455	1-126-162-11	ELECT	3.3uF	20%	50V	
C456	1-124-250-11	ELECT	0.15uF	20%	50V	
C457	1-124-250-11	ELECT	0.15uF	20%	50V	
C458	1-124-261-00	ELECT	10uF	20%	50V	
C459	1-124-261-00	ELECT	10uF	20%	50V	
C476	1-102-518-11	CERAMIC	33PF	5%	50V	
C495	1-136-165-00	FILM	0.1uF	5%	50V	
CC09	1-162-282-31	CERAMIC	100PF	10%	50V	
CC10	1-162-282-31	CERAMIC	100PF	10%	50V	
CC11	1-162-282-31	CERAMIC	100PF	10%	50V	
CC12	1-162-282-31	CERAMIC	100PF	10%	50V	
CC13	1-162-282-31	CERAMIC	100PF	10%	50V	
CC59	1-162-282-31	CERAMIC	100PF	10%	50V	
CC60	1-162-282-31	CERAMIC	100PF	10%	50V	
CC61	1-162-282-31	CERAMIC	100PF	10%	50V	
CC62	1-162-282-31	CERAMIC	100PF	10%	50V	
CC63	1-162-282-31	CERAMIC	100PF	10%	50V	

< CONNECTOR >

CNS401	1-569-060-11	SOCKET, CONNECTOR 11P
CNS402	1-568-442-11	SOCKET, CONNECTOR 9P
CNS406	1-569-060-11	SOCKET, CONNECTOR 11P

< DIODE >

D401	8-719-070-77	DIODE SVC201SPA-M1-AC

< IC >

IC300	8-759-805-14	IC LC7822
IC400	8-759-528-36	IC CXA8081S
IC401	8-759-528-35	IC CXA8079S
IC403	8-759-805-15	IC LC7823
IC404	8-759-634-51	IC M5218AP
IC407	8-759-604-38	IC M5F78M10

< JACK >

J300	1-774-411-11	JACK, PIN 6P (TV/DBS AUDIO IN)
J301	1-573-028-31	JACK, PIN 4P (VIDEO AUDIO IN/OUT)

< COIL >

L400	1-410-509-11	INDUCTOR	10uH			

< RESISTOR >

R301	1-249-417-11	CARBON	1K	5%	1/4W	F
R304	1-249-441-11	CARBON	100K	5%	1/4W	
R305	1-249-441-11	CARBON	100K	5%	1/4W	
R307	1-249-417-11	CARBON	1K	5%	1/4W	F
R310	1-249-417-11	CARBON	1K	5%	1/4W	F
R312	1-249-441-11	CARBON	100K	5%	1/4W	
R314	1-249-441-11	CARBON	100K	5%	1/4W	
R315	1-249-417-11	CARBON	1K	5%	1/4W	F
R318	1-249-417-11	CARBON	1K	5%	1/4W	F
R319	1-249-417-11	CARBON	1K	5%	1/4W	F
R320	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R321	1-249-397-11	CARBON	22	5%	1/4W	F
R322	1-249-417-11	CARBON	1K	5%	1/4W	F
R323	1-249-397-11	CARBON	22	5%	1/4W	F
R400	1-249-441-11	CARBON	100K	5%	1/4W	
R401	1-249-436-11	CARBON	39K	5%	1/4W	
R402	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R403	1-249-417-11	CARBON	1K	5%	1/4W	F
R451	1-249-435-11	CARBON	33K	5%	1/4W	
R458	1-249-436-11	CARBON	39K	5%	1/4W	

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*	1-669-439-11	SW BOARD
		*********

< CONNECTOR >

CNS122	1-770-397-11	HOUSING, CONNECTOR(PC BOARD)4P
CNS124	1-770-397-11	HOUSING, CONNECTOR(PC BOARD)4P
CNS126	1-770-397-11	HOUSING, CONNECTOR(PC BOARD)4P

< DIODE >

D124	8-719-058-64	DIODE SEL5823A-TP15 (TUNER)
D125	8-719-058-64	DIODE SEL5823A-TP15 (VIDEO 1)
D126	8-719-058-64	DIODE SEL5823A-TP15 (PHONO)
D127	8-719-058-64	DIODE SEL5823A-TP15 (TAPE/MD)
D128	8-719-058-64	DIODE SEL5823A-TP15 (TV/DBS)
D129	8-719-058-64	DIODE SEL5823A-TP15 (VIDEO 2)
D130	8-719-058-64	DIODE SEL5823A-TP15 (CD)
D131	8-719-058-64	DIODE SEL5823A-TP15 (VIDEO 3)

< RESISTOR >

R152	1-249-411-11	CARBON	330	5%	1/4W	
RR131	1-249-411-11	CARBON	330	5%	1/4W	
RR132	1-249-413-11	CARBON	470	5%	1/4W	F
RR133	1-249-415-11	CARBON	680	5%	1/4W	F
RR134	1-249-417-11	CARBON	1K	5%	1/4W	F
RR135	1-249-419-11	CARBON	1.5K	5%	1/4W	F
RR136	1-249-421-11	CARBON	2.2K	5%	1/4W	F
RR137	1-249-425-11	CARBON	4.7K	5%	1/4W	F
RR138	1-249-429-11	CARBON	10K	5%	1/4W	
RR141	1-249-413-11	CARBON	470	5%	1/4W	F
RR142	1-249-415-11	CARBON	680	5%	1/4W	F
RR143	1-249-417-11	CARBON	1K	5%	1/4W	F
RR144	1-249-419-11	CARBON	1.5K	5%	1/4W	F
RR145	1-249-421-11	CARBON	2.2K	5%	1/4W	F
RR146	1-249-425-11	CARBON	4.7K	5%	1/4W	F
RR147	1-249-429-11	CARBON	10K	5%	1/4W	
RR148	1-249-435-11	CARBON	33K	5%	1/4W	
RR151	1-249-413-11	CARBON	470	5%	1/4W	F
RR152	1-249-415-11	CARBON	680	5%	1/4W	F
RR153	1-249-417-11	CARBON	1K	5%	1/4W	F
RR154	1-249-419-11	CARBON	1.5K	5%	1/4W	F
RR155	1-249-421-11	CARBON	2.2K	5%	1/4W	F
RR156	1-249-425-11	CARBON	4.7K	5%	1/4W	F
RR157	1-249-429-11	CARBON	10K	5%	1/4W	

< SWITCH >

S102	1-762-751-11	SWITCH, TACTILE (DIRECT TUNING)
S103	1-762-751-11	SWITCH, TACTILE (1)
S104	1-762-751-11	SWITCH, TACTILE (2)
S105	1-762-751-11	SWITCH, TACTILE (3)
S106	1-762-751-11	SWITCH, TACTILE (4)

S107	1-762-751-11	SWITCH, TACTILE (5)			
S108	1-762-751-11	SWITCH, TACTILE (SOUND FIELD ON/OFF)			
S109	1-762-750-11	SWITCH, TACTILE (TUNER)			
S110	1-762-750-11	SWITCH, TACTILE (VIDEO 1)			
S114	1-762-751-11	SWITCH, TACTILE (SHIFT)			
S115	1-762-751-11	SWITCH, TACTILE (6)			
S116	1-762-751-11	SWITCH, TACTILE (7)			
S117	1-762-751-11	SWITCH, TACTILE (GENRE)			
S118	1-762-751-11	SWITCH, TACTILE (5.1/DVD INPUT)			
S119	1-762-750-11	SWITCH, TACTILE (PHONO)			
S120	1-762-750-11	SWITCH, TACTILE (TAPE/MD)			
S121	1-762-750-11	SWITCH, TACTILE (TV/DBS)			
S122	1-762-750-11	SWITCH, TACTILE (VIDE0 2)			
S125	1-762-751-11	SWITCH, TACTILE (8)			
S126	1-762-751-11	SWITCH, TACTILE (9)			
S127	1-762-751-11	SWITCH, TACTILE (0)			
S128	1-762-751-11	SWITCH, TACTILE (MODE)			
S129	1-762-751-11	SWITCH, TACTILE (BASS BOOST)			
S130	1-762-751-11	SWITCH, TACTILE (TONE ON/OFF)			
S131	1-762-750-11	SWITCH, TACTILE (CD)			
S132	1-762-750-11	SWITCH, TACTILE (VIDEO 3)			

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*	1-669-445-11	VIDEO 3 BOARD			
		**********			
		< CAPACITOR >			
C299	1-164-159-11	CERAMIC	0.1uF		50V
CC14	1-162-282-31	CERAMIC	100PF	10%	50V
CC16	1-162-282-31	CERAMIC	100PF	10%	50V
		< JACK >			
J298	1-784-808-11	TERMINAL, S (S VIDEO) (CH)			
J299	1-770-340-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 3 INPUT)(US,CND)			
J299	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 3 INPUT)(CH)			
		< RESISTOR >			
R299	1-249-403-11	CARBON	68	5%	1/4W F (US,CND)
R321	1-249-417-11	CARBON	1K	5%	1/4W F
R371	1-249-417-11	CARBON	1K	5%	1/4W F

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*	1-669-435-11	VIDEO BOARD			
		**********			
		< CAPACITOR >			
C201	1-126-960-11	ELECT	1uF	20%	50V
C202	1-126-960-11	ELECT	1uF	20%	50V
C203	1-126-960-11	ELECT	1uF	20%	50V
C204	1-126-960-11	ELECT	1uF	20%	50V
C205	1-162-215-31	CERAMIC	47PF	5%	50V
C206	1-162-215-31	CERAMIC	47PF	5%	50V
C207	1-162-215-31	CERAMIC	47PF	5%	50V
C208	1-126-960-11	ELECT	1uF	20%	50V
C209	1-164-159-11	CERAMIC	0.1uF		50V
C210	1-164-159-11	CERAMIC	0.1uF		50V
C211	1-164-159-11	CERAMIC	0.1uF		50V
C212	1-164-159-11	CERAMIC	0.1uF		50V
C213	1-126-933-11	ELECT	100uF	20%	16V
C214	1-126-933-11	ELECT	100uF	20%	16V
		< CONNECTOR >			
CNE217	1-564-505-11	PLUG, CONNECTOR 2P			
CNS211	1-569-321-11	SOCKET, CONNECTOR 15P			
CNS212	1-568-439-11	SOCKET, CONNECTOR 7P (CH)			
CNS213	1-568-439-11	SOCKET, CONNECTOR 7P (US,CND)			
		< DIODE >			
D201	8-719-911-19	DIODE 1SS119			
D202	8-719-911-19	DIODE 1SS119			
		< IC >			
IC201	8-759-529-20	IC NJM2296D			
IC202	8-759-701-65	IC NJM79M05FA			
		< JACK >			
J201	1-770-337-11	JACK, PIN 3P (VIDEO 1/MONITOR)			
J202	1-695-317-21	JACK, PIN 2P (VIDEO 2)			
J203	1-695-317-21	JACK, PIN 2P (5.1DVD/TV/DBS)			
J204	1-563-330-11	JACK (S-LINK)			
		< RESISTOR >			
R201	1-249-403-11	CARBON	68	5%	1/4W F
R202	1-249-403-11	CARBON	68	5%	1/4W F
R203	1-249-403-11	CARBON	68	5%	1/4W F
R204	1-249-403-11	CARBON	68	5%	1/4W F
R205	1-249-403-11	CARBON	68	5%	1/4W F
R206	1-249-403-11	CARBON	68	5%	1/4W F
R207	1-249-403-11	CARBON	68	5%	1/4W F

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*	1-669-446-11	VOL BOARD			
		**********			
		< CONNECTOR >			
CNP101	1-770-388-11	PIN, CONNECTOR (PC BOARD) 4P			
CNS402	1-569-323-11	SOCKET, CONNECTOR 19P			
		< VARIABLE RESISTOR >			
RV401	1-225-446-11	RES, VAR, CARBON 100KX6 (MASTER VOLUME)			

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		MISCELLANEOUS
		**********
12	1-783-776-11	WIRE (FLAT TYPE) (13 CORE)
13	1-773-022-11	WIRE (FLAT TYPE) (15 CORE)
⚠54	1-769-743-11	CORD, POWER (US,CND)
⚠54	1-782-464-21	CORD, POWER (CH)
62	1-773-008-11	WIRE (FLAT TYPE) (15 CORE)
64	1-693-407-21	TUNER (US,CND)
64	1-693-408-21	TUNER (CH)
69	1-769-941-11	WIRE (FLAT TYPE) (11 CORE)
70	1-765-321-11	WIRE (FLAT TYPE) (9 CORE)
71	1-773-110-11	WIRE (FLAT TYPE) (19 CORE)

VOL

Ref. No.	Part No.	Description	Remarks
72	1-769-877-11	WIRE (FLAT TYPE) (7 CORE)	
73	1-773-022-11	WIRE (FLAT TYPE) (15 CORE)	
⚠T901	1-431-809-11	TRANSFORMER, POWER (US,CND)	
⚠T901	1-431-811-11	TRANSFORMER, POWER (CH)	

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ACCESSORIES & PACKING MATERIALS
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	1-475-726-11	REMOTE COMMANDER (RM-LJ301)
	1-501-374-11	ANTENNA, LOOP
	1-776-258-11	CORD, AVC CONNECTION
	1-777-172-11	CORD, CONNECTION
	3-810-765-11	MANUAL,COMMONNESS INSTRUCTION (ENGLISH)(US)
	3-810-765-21	MANUAL,COMMONNESS INSTRUCTION (ENGLISH/FRENCH/GERMAN/SPANISH/DUTCH/SWEDISH/ITALIAN/PORTUGUESE/CHINESE)(CND)
	3-864-029-11	MANUAL,INSTRUCTION(ENGLISH)(US,CND)
	3-864-029-21	MANUAL,INSTRUCTION(FRENCH) (CND)
	3-864-029-51	MANUAL,INSTRUCTION(ENGLISH/CHINESE) (CH)
	4-210-990-01	BATTERY COVER(for RM-LJ301)

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****
HARDWARE LIST
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#1	7-685-646-79	SCREW +BVTP 3 × 8 TYPE2 TT(B)
#2	7-685-881-09	SCREW +BVTT 4 × 8 (S)
#3	7-685-872-09	SCREW +BVTT 3 × 8 (S)

Ref. No.	Part No.	Description	Remarks

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

STR-DE625/V616

SONY

SERVICE MANUAL

US Model
Canadian Model
STR-DE625
Chinese Model
STR-V616

SUPPLEMENT-1

File this supplement with the Service Manual.

Subject : Addition of Transistors

(SFD98002)

• The transistors are added to the AMP board as shown.

☛ **: Indicates added portion**

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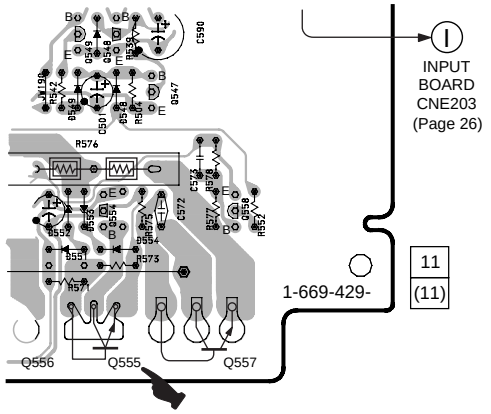
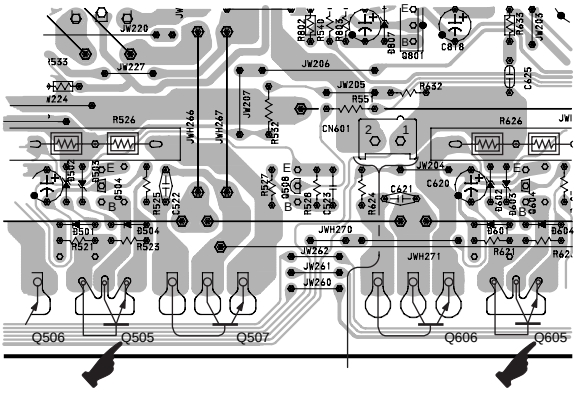
[AMP BOARD]

Location : J-12



Location : J-6, J-9



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Ref. No.	Part No.	Description	Remarks
		< TRANSISTOR >	
Q505	8-729-209-15	TRANSISTOR 2SD2012	
Q555	8-729-209-15	TRANSISTOR 2SD2012	
Q605	8-729-209-15	TRANSISTOR 2SD2012	

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	1998.05	New Suppliment-1
1.1	2005.03	Correction of Parts No. for Ref.No.6 (SPM-05016)